

16  
Property of \_\_\_\_\_

Class of May 18, 2006 -

19524 -



56-907  
Made in USA



May 18, 2006. MO: Newton Co., Wildcat Glade.  
Low woods along Shoal Creek, glade and bluff.

2

19524.

Low woods along Shoal Creek.

Cyperaceae

19525. Pentstemon

On soil over chert of glade.

Scrophulariaceae

19526. Amsonia

On moist soil in gully of glade.

19527. Rumex

On thin soil over chert.

2

19528.

On soil over chert.

Poaceae

19529. Ceanothus

Rocky soil at edge of oak/hickory woods.

Rhamnaceae

2

19530.

On thin soil over chert.

Poaceae

2

19531. Quercus

Oak/Hickory woods at glade.

Fagaceae

- 1  
19532. Fraxinus  
Oak/Hickory woods at glade.
- 2  
19533. Carya  
Oak/Hickory woods at glade. Juglandaceae
- 1  
19534. Delphinium  
On soil over chert at glade. Ranunculaceae
19535. Carya  
Oak/Hickory woods at glade. Juglandaceae
- 1  
19536. Coreopsis  
Thin soil over chert. Asteraceae
- 1  
19537.  
Rocky oak/hickory woods.
- 2  
19538. Quercus  
Oak/Hickory woods along bluff. Fagaceae
- 1  
19539. Rhus  
Open glade near bluff. Anacardiaceae
- 1  
19540.  
In rocky oak/hickory woods. Asteraceae



19541.

Disturbed ground in park.

Asteraceae

2

19542. Marshall:

On thin soil over chert.

Asteraceae

19543.

Low woods near Shoul Creek.

Cyperaceae

May 19, 2006. KS:

Lake.

Buffal State Fishing

19544. Delphinium

Ranunculaceae

19545. Rumex

2

19546. Oenothera macrocarpa

Onagraceae

2

19547. Camassia sci

Liliaceae

1

19548 Oenothera speciosa

Onagraceae

2

19549. Eleocharis

On soil of chert glade in intermittent pool.

1

19550. Oenothera

On deep soil over chert of glade.

Onagraceae

May 19, 2006. MO: Newton Co. Grand Falls.

On thin soil in chert crevices.

1

19551.

Asteraceae

May 19, 2006. KS: Cherokee Co.; Schemerhorn Park.

2

19552. Penstemon

Oak/Hickory woods.

Scrophulariaceae

2

19553. Asclepias

Low woods along cave trail.

Apocynaceae

1

19554. Cornus drummondii:

Along cave trail.

Cornaceae

<sup>2</sup>  
19555.  
In oak/hickory woods.

Cyperaceae

<sup>2</sup>  
19556.  
In low woods.

Poaceae

<sup>1</sup>  
19557.  
Ravine of oak/hickory woods.

Poaceae

<sup>1</sup>  
19558.  
Open oak/hickory woods.

Fabaceae

May 26, 2006. MO: Newton Co., Wildcat Glade Park.

<sup>2</sup>  
19559.  
Oak/Hickory woods.

Asteraceae

<sup>1</sup>  
19560. Plantago  
Open chert glade.

Plantaginaceae

<sup>2</sup>  
19561.  
On soil over chert of open glade.

<sup>2</sup>  
19562. Eleocharis  
Standing water on chert glade.



1  
19563. Crataegus

Oak/Hickory woods along bluff.

Rosaceae

2  
19564. Fraxinus

Oak/Hickory woods along bluff.

2  
19565. Matelea

Low disturbed woods along Shoal Creek.

1  
19566. Coreopsis

Along trail near bridge of highway 175.

Asteraceae

1  
19567.

Disturbed ground near highway 175 bridge.

Asteraceae

1  
19568.

Along trail near highway 175 bridge.

Asteraceae

1  
19569.

Along trail in low woods along Shoal Creek.

1  
19570. Oxalis

Disturbed ground near highway 175 bridge.

Oxalidaceae

1  
19571.

Disturbed ground at highway 175 bridge.

Cyperaceae

2

19572.

Disturbed ground at highway 175 bridge.

Poaceae

1

19573. Delphinium

Open area along trail of low woods.

Ranunculaceae

2

19574.

Open woods along trail.

Cyperaceae

1

19575. Allium

Thin soil over chert of glade.

Alliaceae

1

19576.

Edge of oak/hickory woods.

Fabaceae

2

19577. Dicanthelium

On soil of open glade.

Poaceae

2

19578.

On soil of open glade.

Poaceae

1

19579. Plantago

On thin soil over rock.

Plantaginaceae

1

19580.

Edge of shaded woods and stream.

Cyperaceae



2

19581.

Edge of woods.

Poaceae

19582.

Thin soil over rock.

19583.

Thin soil over rock.

Fabaceae

19584.

Edge of woods along bluff.

Poaceae

19585.

Open glade near stream.

Ebenaceae

19586.

Edge of stream - shaded.

Cyperaceae

19587.

Grassy area at edge of stream.

Poaceae

19588.

Grassy area at edge of stream.

Poaceae

19589.

Oak/Hickory, rocky woods.

1  
19590.

Edge of oak/hickory woods.

Poaceae

1  
19591. Celtis

Open glade.

Celtidaceae

1  
19592. Vaccinium

Rocky, oak/hickory woods.

Ericaceae

2  
19593. Allium

Open glade.

Alliaceae

1  
19594.

Open glade.

Campanulaceae

2  
19595.

Oak/hickory, rocky woods.

Rosaceae

2  
19596.

Rocky oak/hickory woods.

Cyperaceae

1  
19597. Rosa

On glade; edge of woods.

Rosaceae

May 28, 2006. MO: Barry County, Missouri. Department of Conservation Area.

1  
19598.

Open woods.

2  
19599.

Open, glade-like area.

Asteraceae

1  
19600. Penstemon

Open, glade-like area.

Scrophulariaceae

1  
19601.

Open, glade-like area.

Lamiaceae

1  
19602.

Open, glade-like area.

Asteraceae

May 29, 2006. MO: Cass County. Near Archie.

2  
19603.

Ditch south of city.

Cyperaceae



<sup>1</sup>  
19604.

Ditch south of city.

<sup>1</sup>  
19605.

Ditch south of city.

Cyperaceae

<sup>2</sup>  
19606.

Ditch south of city.

Cyperaceae

<sup>3</sup>  
19607.

Ditch south of city.

Cyperaceae

<sup>1</sup>  
19608.

Ditch south of city.

Cyperaceae

May 29, 2006. KS: Crawford County. Prairie near junction of  
Rouse and Atchison Street.

<sup>1</sup>  
19609.

Poaceae

<sup>3</sup>  
19610. Linum

Linaceae

<sup>2</sup>  
19611.

2

19612. Platanthera

Orchidaceae

May 30, 2006. KS: Cherokee County. Schermerhorn Park.

3

19613.

Open woods.

Cyperaceae

3

19614.

Open woods.

Poaceae

1

19615.

Disturbed ground.

Poaceae

3

19616. Asclepias tuberosa

Glade-like area along bluff.

Apocynaceae

1

19617.

Disturbed ground of picnic area.

Poaceae

1

19618. Galium

In low woods.

Rubiaceae

\*

May 31, 2006 - See pg. 18 after 19659.  
June 1, 2006



June 3, 2006. MO: Newton County. Wildcat

<sup>1</sup>  
19619. Lilium

Low woods at base of bluff.

Liliaceae

<sup>3</sup>  
19620.

Low woods near tributary to Shoal Creek.

<sup>2</sup>  
19621.

Low woods along trail near Shoal Creek.

Menispermaceae

<sup>1</sup>  
19622. Asparagus

Disturbed ground along trail near bridge.

June 14, 2006. MO: Newton County. Wildcat Park.

<sup>2</sup>  
19623.

Disturbed ground along trail near bridge.

Caryophyllaceae

<sup>3</sup>  
19624. Hypericum

Disturbed ground along trail near bridge.

Clusiaceae

1  
19625.

Disturbed ground along trail.

Cyperaceae

2

19626. Eleocharis

Shallow pools over rock.

2

19627.

Disturbed ground near bridge.

Poaceae

June 14, 2006. KS: Cherokee County. Schermerhorn  
Park.

2

19628. Anemone

Open oak/hickory woods.

Ranunculaceae

2

19629. Asparagus officinale

Base of bluff near trail entrance to cave.

1

19630. Silene stellata

Oak/Hickory woods.

Caryophyllaceae

1  
19631.

Oak/Hickory woods.

Poaceae

19632. Torilis

Disturbed ground.

Apiaceae

19633. Desmodium

Low woods near intermittent stream.

Fabaceae

19634. Melilotus

Along trail to prairie.

Fabaceae

19635. Passiflora incarnata

In disturbed prairie.

Passifloraceae

June 18, 2006. KS: Crawford County. Pittsburg State  
University campus.

19636.

June 18, 2006. KS: Montgomery County.

19637.

On thin soil over sandstone.

Cyperaceae



19638.

On thin soil over sandstone.

Cyperaceae

19639.

On thin soil over sandstone.

Cyperaceae

19640. Paspalum

On thin soil over sandstone.

Poaceae

19641.

In low woods near lake.

Poaceae

19642.

Disturbed ground near lake.

Poaceae

19643.

Open disturbed ground.

Poaceae

19644. Rosa

Edge of woods.

Rosaceae

19645. Dicanthelium

Open prairie-like area.

Poaceae

19646.

At margin of lake.

Cyperaceae

2

19647.

At margin of lake.

Cyperaceae

19648.

Near lake.

Cyperaceae

19649. Bromus

At margin of glade and woods.

Poaceae

19650.

Edge of sandstone glade.

Poaceae

19651. Bromus

At edge of glade.

Poaceae

2

19652. Bromus

Edge of woods.

Poaceae

1

19653.

Open sandstone glade.

19654. Sabatia

Grassy area of open glade.

Gentianaceae

19655. Allium

Thin soil over rock.

Alliaceae = Liliaceae



1  
19656.

Soil over sandstone.

Apiaceae

2  
19657 Plantago

Thin soil over sandstone.

Plantaginaceae

1  
19658. Monarda

On thin soil over sandstone.

Lamiaceae

1  
19659.

On thin soil over sandstone.

\* June 19, 2006 - see pg. 23.

\* May 31, 2006. MO:

Bona Glade.

2  
19660. Vaccinium

Ericaceae

2  
19661. Prunus

Rosaceae

1  
19662.

1  
19663.

Cyperaceae

1  
19664.

1  
19665.

In oak/Hickory woods.

Cyperaceae

2  
19666. Talinum

1  
19667. Lechea

1  
19668.

Edge of glade.

\*  
May 31, 2006. MO:  
Limestone outcrop ca.  
Glade.

west of Bona

3  
19669. Delphinium

Ranunculaceae

2  
19670.

Cyperaceae

2  
19671

Rubiaceae

2

19672.

Cyperaceae

\*

May 31, 2006. MO:

Dorris Creek Prairie

2

19673.

Near water.

Poaceae

1

19674.

Poaceae

\*

May 31, 2006. KS: Crawford County.

2

19675.

Ditch.

3

19676. Galium

O'Malley Prairie.

Rubiaceae

3

19677.

O'Malley Prairie.

Cyperaceae



<sup>2</sup>  
19678.  
Wet area of prairie.

Cyperaceae

\*  
June 1, 2006. KS: Montgomery County.

<sup>3</sup>  
19679. Fraxinus quadrangulata

Oleaceae

<sup>2</sup>  
19680. Quercus

Fagaceae

<sup>2</sup>  
19681. Quercus

Fagaceae

<sup>1</sup>  
19682.

Cyperaceae

<sup>2</sup>  
19683. Carya

Juglandaceae

<sup>2</sup>  
19684. Fraxinus

Oleaceae

19685. Galium

In woods.

Rubiaceae

19686. Agave

Rock crevices.

Ranunculaceae

19687.

Rock crevices.

\*

June 1, 2006. KS. Montgomery County, . Montgomery County  
State Fishing Lake.

19688. Rudbeckia

Soil over sandstone.

Asteraceae

19689. Monarda

On soil over sandstone.

Lamiaceae

19690

In mud near lake.

Cyperaceae

19691.

In mud near lake.

\* June 2, 2006. See pg. 91.

\* June 3, 2006. See pg. 30.



June 19, 2006.

<sup>1</sup> 19692. Cornus drummondii

Base of bluff near Shoal Creek.

Cornaceae.

<sup>1</sup> 19693. Vitis

In woods.

Vitaceae

<sup>1</sup> 19694. Vitis

In woods.

Vitaceae

<sup>3</sup> 19695. Lactuca

Near Shoal Creek.

Asteraceae

<sup>1</sup> 19696

Juglandaceae

<sup>1</sup> 19697. Lysimachia

Near water.

Cythraceae

<sup>2</sup> 19698. Helianthus

Open woods along roadside.

Asteraceae

<sup>2</sup> 19699.

Open woods.

Poaceae

1  
19700. Liatris

Glade-like area.

Asteraceae

2  
19701.

Edge of Shovel Creek.

Balsamaceae

1  
19702.

Open woods along road.

Apocynaceae

1  
19703. Tephrosia

Glade-like area.

Fabaceae

1  
19704.

Open rocky woods.

Fabaceae

1  
19705.

Rocky woods.

Gentianaceae

1  
19706. Physalis

Base of north-facing bluff.

Solanaceae

2  
19707. Ulmus

Disturbed ground.

Ulmaceae

1  
19708.

Prairie-like area.

Apiaceae

- <sup>3</sup>  
19709. Galium  
Rocky woods. Rubiaceae
- <sup>1</sup>  
19710. Prunus  
Rocky woods. Rosaceae
- <sup>1</sup>  
19711. Helianthus  
Along wooded trail. Asteraceae
- <sup>1</sup>  
19712. Desmodium  
Along prairie trail. Fabaceae
- <sup>2</sup>  
19713. Quercus  
Entrance area to prairie. Fagaceae
- <sup>2</sup>  
19714. Amelanchier  
Top of bluff. Rosaceae
- <sup>1</sup>  
19715.  
Rocky woods.
- <sup>1</sup>  
19716.  
Open woods. Poaceae
- <sup>1</sup>  
19717.  
Woods.



1 19718. Monarda

Open rocky woods.

Lamiaceae

1 19719. Teucrium

Moist ditch draining into Shoal Creek.

Lamiaceae

2 19720. Pycnanthemum

Prairie-like area.

Lamiaceae

1 19721. Ruellia

Prairie-like area.

Acanthaceae

1 19722.

Near intermittent stream along wooded trail.

Convolvulaceae

1 19723

In rocky woods.

Rosaceae

1 19724.

Prairie-like area.

Fabaceae (= Caesalpinaceae)

2 19725. Carya

Rocky woods.

Juglandaceae

1 19726. Quercus

Rocky woods.

Fagaceae



- <sup>2</sup>  
19727. Lactuca  
Disturbed ground. Asteraceae
- <sup>3</sup>  
19728. Lactuca  
Disturbed ground. Asteraceae
- <sup>2</sup>  
19729. Acer negundo  
Disturbed ground. Aceraceae
- <sup>1</sup>  
19730. Rhus  
Rocky open woods. Anacardiaceae
- <sup>1</sup>  
19731. Hypericum  
Prairie-like area near woods. Clusiaceae
- <sup>1</sup>  
19732. Carya  
Rocky woods. Juglandaceae
- <sup>1</sup>  
19733. Morus  
Base of south-facing bluff. Moraceae
- <sup>1</sup>  
19734. Lonicera sempervirens  
Edge of woods. Caprifoliaceae

June 25, 2006. Mo: Newton County. Wildcat Park.

1  
19735.

Disturbed woods.

Apiaceae

1  
19736. Teucrium

Near Shoal Creek.

Lamiaceae

2  
19737.

Disturbed areas along trail.

1  
19738. Matelea

Climbing over vegetation along trail.

Asclepiadaceae

1  
19739.

Low woods.

1  
19740.

Trail below bridge.

Fabaceae (= Caesalpinjiaceae)

1  
19741. Ruellia

Grassy rock outcrops.

Acanthaceae

1  
19742. Polygala  
glade.

Polygalaceae

2

19743.

Glade.

Euphorbiaceae.

2

19744. Parthenocissus

Growing over bridge rail.

Vitaceae

2

19745.

Low area near Shoal Creek.

Cyperaceae

1

19746.

Low woods.

Balsimaceae

1

19747.

Edge of low woods.

1

19748.

Thin soil over chert.

Fabaceae

June 26, 2006. MO: Newton County. Neosho City Park.

1

19749.

On rock wall.

Scrophulariaceae

\* June 1, 2006 - pg. 90.

June 3, 2006 - pg. 30.

June 21, 2006 pg. 30

June 2, 2006 pg. 91

June 10, 2006 pg. 34

June 14, 2006 pg. 34



June 3, 2006. KS: Wilson County.

<sup>2</sup>  
19750.

Exposed ground at edge of prairie.

Euphorbiaceae

<sup>2</sup>  
19751.

Disturbed area near prairie.

<sup>2</sup>  
19752. Avena

Disturbed ground near entrance to prairie.

Poaceae

June 21, 2003. MO: Newton County. Wildcat Park.

<sup>2</sup>  
19753. Talinum

On chert outcrops.

<sup>1</sup>  
19754.

On chert outcrops.

Poaceae

<sup>2</sup>  
19755.

Soil over chert of glade.

Poaceae

<sup>2</sup>  
19756. Quercus  
Chert outcrops.

Fagaceae

<sup>1</sup>  
19757. Asclepias  
Chert outcrops.

Apocynaceae

<sup>2</sup>  
19758.  
Chert outcrops.

<sup>2</sup>  
19759. Quercus  
Chert outcrops.

Fagaceae

<sup>1</sup>  
19760. Coreopsis tinctoria  
Chert outcrops.

Asteraceae

<sup>2</sup>  
19761. Prunus  
Chert outcrops.

Rosaceae

<sup>2</sup>  
19762. Coreopsis  
Chert outcrops.

Asteraceae

<sup>1</sup>  
19763.  
Rocky area near woods.

Lamiaceae

<sup>2</sup>  
19764.  
Near Shoal Creek.

19765.

Cyperaceae

19766. Solanum

Open disturbed ground near glade.

Solanaceae

19767. Plantago

Open glade.

Plantaginaceae

19768. Plantago

Open glade.

Plantaginaceae

19769.

Dry open glade on thin soil over rock.

Euphorbiaceae

19770.

Thin soil over chert.

Poaceae

19771.

Thin soil over chert.

Brassicaceae

19772.

Wet depression in chert glade.

19773.

Open glade.



<sup>1</sup>  
19774. Prunus

edge of woods and glade.

Rosaceae

<sup>2</sup>  
19775.

Open chert glade.

<sup>2</sup>  
19776. Prunus

Open chert glade.

Rosaceae

19777. Prunus

edge of glade and woods.

Rosaceae

<sup>1</sup>  
19778. Rhus armatica

Open glade near woods.

Anacardiaceae

<sup>1</sup>  
19779. Physalis

Thin soil over rock of glade.

Solanaceae

<sup>2</sup>  
19780. Rudbeckia hirta

Grassy area of glade.

Asteraceae

<sup>1</sup>  
19781. Fraxinus

Near spring.

Oleaceae

<sup>2</sup>  
19782.

On thin soil of glade.

1

19783.

Moist soil over rock.

Cyperaceae

2

19784.

Rock crevices and soil over chert of glade.

1

19785. Sorghum halapense

Disturbed ground.

Poaceae

June 10, 2006. KS: Crawford County. Crawford State Park.

2

19786. Monarda

Along roadside of glade areas.

Lamiaceae

2

19787.

Dried up depression area.

June 14, 2006. KS: Cherokee County. Schermerhorn Park.

1

19788. Dalea

Prairie area.

Fabaceae

<sup>1</sup>  
19789.

Poaceae

<sup>1</sup>  
19790.

Low moist woods.

Cyperaceae

<sup>1</sup>  
19791.

Rocky woods on bluff.

Fabaceae

July 4, 2006. AL: Mobile County. Dauphin Island.

<sup>1</sup>  
19792. Hieracium gronovii L.  
Along roadside.

Queen Devil  
Asteraceae

<sup>2</sup>  
19793. Clitoria mariana L.  
Roadside ditch.

Atlantic Pigeon Wings  
Fabaceae

<sup>1</sup>  
19794. Aureolaria virginica (L.) Pennell  
Roadside ditch.

Dowry Yellow False  
Foxglove  
Scrophulariaceae

<sup>2</sup>  
19795. Callicarpa americana L.  
In flat woods near dunes.

American Beauty Berry  
Verbenaceae

<sup>3</sup>  
19796. Lindernia dubia var. anagallidea (Michx.) Cooperr.

Along trail in Audubon Sanctuary. Yellow False Pimpernel Scrophulariaceae



19797. Gratiola virginiana L. Roundfruit Hedgehyssop  
In ditch along roadside. Scrophulariaceae
19798. Conoclinium coelestinum (L.) DC. Blue Mistflower  
Along roadside near cemetery on Bienville Blvd. Asteraceae
19799. Boehmeria cylindrica (L.) Sw. False Nettle  
Near lake in Audubon Sanctuary. Bog Hemp  
Urticaceae
19800. Solidago gigantea Aiton Giant Goldenrod  
Roadside at Airport. Asteraceae
19801. Eupatorium rotundifolium L. Roundleaf Thoroughwort  
Roadside at edge of woods. False Horehound  
Asteraceae
19802. Proserpinaca palustris L. Marsh Mermaid Weed  
Wet ditch. Haloragaceae
19803. Lobelia cardinalis L. Cardinal Flower  
Wet ditch near woods. (=lobeliaceae) Campanulaceae
19804. Euphorbia curtisii Engelm. ex Chapm. Curtis' Spurge  
Edge of woods along bike trail. Euphorbiaceae
19805. Elephantopus elatus Bertol. Tall Elephant's Foot  
Edge of woods along bike trail. Asteraceae

- 2  
19806. Pycnanthemum albescens Torr. & A. Gray ex A. Gray  
Edge of woods along bike trail. Lamiaceae  
Whiteleaf Mountain Mint
- 1  
19807. Ludwigia linearis Walt. Narrowleaf Primrose Willow  
Wet roadside ditch.
- 1  
19808. Sagittaria lancifolia L. Bulltongue Arrowhead  
Wet roadside ditch. Lsubsp. lancifolia Alismataceae
- 2  
19809. Tephrosia florida (F. Dietr.) C.E. Wood Florida Hoary Pea  
Roadside. Fabaceae
- 2  
19810. Juniperus virginiana L. Red Cedar  
Roadside. Cupressaceae
- 2  
19811. Lactuca floridana (L.) Gaertner Woodland Lettuce  
Low moist woods at shell mounds. Asteraceae
- 1  
19812. Sonchus oleraceus L. Common Sow Thistle  
Shell mounds. Asteraceae
- 1  
19813. Xanthium strumarium var. glabratum (Dc.) Cronquist  
Shell mounds. Rough Cocklebur Asteraceae
- 1  
19814. Abutilon theophrasti Medik. Velvet Leaf, Butterprint  
Shell mounds. Malvaceae



<sup>1</sup>  
19815. Celtis laevigata Willd.  
Shell mounds.

Sugarberry, Hackberry  
Celtidaceae

<sup>1</sup>  
19816.

Shell mounds.

<sup>2</sup>  
19817.

Shell mounds.

Poaceae

July 6, 2006. AL: Mobile County. Dauphin Island.

<sup>1</sup>  
19818. Melia azedarach L.  
Shell mounds.

Chinaberry Tree  
Meliaceae

<sup>2</sup>  
19819.

Shell mounds.

Cyperaceae

<sup>2</sup>  
19820. Cocculus carolinus (L.) DC.  
Shell mounds.

Carolina Coralbead  
Menispermaceae

<sup>1</sup>  
19821. Sideroxylon lycioides L.  
Shell mounds.

Southern Buckthorn; Buckthorn Bully  
Sapotaceae

<sup>3</sup>  
19822.

Low depression at Shell mounds.

Cyperaceae.



- 21  
19823. Chamaesyce hirta (L.) Millsp. Pillpod Sandmat  
Wet ditch near shell mounds. Euphorbiaceae
- 1  
19824. Shell Mounds. Cyperaceae
- 1  
19825. Sesbania punicea (Cav.) Benth. Rattlebox  
Along roadside. Fabaceae
- 1  
19826. Amaranthus australis (A. Gray) J. D. Sauer  
Roadside. Southern Amaranth Amaranthaceae
- 2  
19827. Diospyros virginiana L. Common Persimmon  
Disturbed area. Ebenaceae
- 1  
19828. Roadside ditch.
- 3  
19829. Roadside ditch. Cyperaceae
- 1  
19830. Mimosa quadrivalvis var. angustata (Torr. & A. Gray) Barneby  
Roadside. Sensitive Briger Fabaceae

July 12, 2006. AL: Mobile County. Road to Point Au Pins.

2

19831.

Roadside.

Asteraceae

1

19832. Hypericum punctatum Lam. Spotted St. John's Wort  
Roadside. Clusiaceae

1

19833. Hypericum gentianoides (L.) Britton, Stern & Poggenberg  
Roadside. Pineweed Clusiaceae

1

19834. Portulaca pilosa L. Kiss Me Quick, Pink Purslane  
Roadside ditch. Portulacaceae

1

19835. Proserpinaca pectinata Lam. Combleaf Mermaid Weed  
Roadside ditch with standing water. Haloragaceae

1

19836. Richardia brasiliensis Gomes Tropical Mexican Clover  
Roadside ditch. Rubiaceae

July 13, 2006. AL: Mobile County. Dauphin Island Sea Lab.

19837. Acalypha gracilens A. Gray Slender Threeseed Mercury  
Along bike trail. Euphorbiaceae

19838. Tradescantia ohienensis Raf. Bluejacket  
Ohio Spiderwort  
Disturbed ground near faculty housing. Commelinaceae

19839. Vigna luteola (Jacq.) Benth. Hairypod Cowpea  
Along bike trail. Fabaceae

19840. Airport marsh. Brassicaceae

19841. Carphephorus odoratissimus (J.F. Gmel.) H. Herbert  
Along bike trail. Vanilla Leaf Asteraceae

19842. Richardia brasiliensis Gomes Tropical Mexican Clover  
Disturbed ground at sea lab. Rubiaceae

19843. Near lake of Audubon area. Poaceae

19844. Near lake of Audubon trail. Poaceae



1  
19845.

Open area at edge of woods of Audubon area.

1  
19846. Lespedeza repens (L.) W.P.C. Barton      Creeping  
On ground near trail entrance at Audubon area.      Lespedeza  
Fabaceae1  
19847. Vernonia angustifolia Michx.      Tall Ironweed  
Audubon Sanctuary.      Asteraceae1  
19848. Asimina parviflora (Michx.) Dunal      Small Flowered Pawpaw  
Audubon Sanctuary.      Annonaceae1  
19849. Quercus geminata Small      Sand Liveoak  
Edge of woods and dunes at Audubon Sanctuary.      Scrub Liveoak  
Fagaceae1  
19850. Eupatorium capillifolium (Lam.) Small      Dog Fennel  
Along trail at Audubon Sanctuary.      Asteraceae1  
19851. Hypericum reductum Adams      Atlantic St. John's Wort  
Along trail at Audubon Sanctuary.      Clusiaceae2  
19852.

Edge of woods along trail at Audubon Sanctuary.

1  
19853. Ambrosia artemisiifolia L.      Common Ragweed  
Edge of trail of Audubon Sanctuary.      Asteraceae

19854.

Edge of dry swamp of Audubon Sanctuary.

19855. Clethra alnifolia L.

Coastal Sweet Pepperbush

Edge of woods and trail of Audubon Sanctuary.

Clethraceae

19856.

Edge of dry swamp of Audubon Sanctuary.

Cyperaceae

19857. Quercus geminata Small

Sand Live Oak  
Scrub Live Oak

Between woods and dunes at Audubon Sanctuary.

Fagaceae

19858. Bacopa monnieri (L.) Pennell

Herb-of-Grace

Ditch along bike trail.

Scrophulariaceae (= Plantaginaceae)

July 13, 2006. AL: Mobile County. Road to Point Aux Pins.

19859.

Ditch.

Cyperaceae

19860. Eupatorium rotundifolium L.

Roundleaf Thoroughwort  
False Horehound

Roadside (open)

Asteraceae



1  
19861. Eupatorium hyssopifolium L. Hyssopleaf Thoroughwort  
Open area along road. Asteraceae

2  
19862. Carphephorus odoratissimus (J.F. Gmel.) H. Herbert  
Savanna. Vanilla Leaf Asteraceae

2  
19863. Carphephorus pseudoliatris Cass. Bristleleaf  
Savanna. Chaffhead Asteraceae

2  
19864. Bigelowia nudata (Michx.) DC. Pineland Rayless  
Savanna. Goldenrod Asteraceae  
var. nudata

July 15, 2006. AL: Mobile County. Dauphin Island.

2  
19865. Hymenocallis occidentalis (Leconte) Kunth  
Roadside ditch. Northern Spider Lily, Woodland Spider Lily  
Amaryllidaceae

2  
19866. Disturbed ground.

2  
19867. Along roadside. Poaceae



- 1  
19868. Mollugo verticillata L.  
Disturbed ground.  
Carpetweed  
Indian Chickweed  
Molluginaceae
- 1  
19869. Sida rhombifolia L.  
Disturbed ground near house.  
Indian Hemp  
Malvaceae
- 2  
19870.  
Roadside ditch.  
Cyperaceae
- 2  
19871.  
Airport Marsh.
- 2  
19872. Salicornia bigelovii Torr.  
Airport Marsh.  
Annual Glasswort  
Chenopodiaceae
- 1  
19873.  
Airport marsh.  
Poaceae
- 2  
19874.  
Airport Marsh.
- 1  
19875. Suaeda linearis (Ell.) Moq.  
Water's edge at Bayou Heron Park.  
Southern Sea Blite  
Chenopodiaceae
- 1  
19876.  
Water's edge at Bayou Heron Park.

1  
19877.

Government Cut Marsh.

Poaceae

19878. Setaria

Open ground at Audubon Sanctuary.

Poaceae

19879.

Open ground at Audubon Sanctuary.

Poaceae

19880.

Growing up tree trunk at entrance to  
Audubon Sanctuary.

19881.

Depression near dry swamp.

Cyperaceae

July 16, 2006. AL: Mobile County. Road to Point Aux Pins.

19882. Liatris graminifolia (Walt.) Willd.  
Savanna.Grassleaf Gayfeather  
Asteraceae2  
19883. Sarracenia flava L.  
SavannaTrumpets  
Sarraceniaceae

- 1  
19884. Polygala cymosa Walt. Tall Pine Barren Milkwort  
Savanna. Polygalaceae
- 1  
19885. Hypericum cistifolium Lam. Roundpod St. John's-wort  
Savanna. Clusiaceae
- 1  
19886. Tofieldia racemosa (Walt.) BSP Asphodel  
Savanna. Liliaceae (= Tofieldiaceae)
- 1  
19887. Savanna.
- 1  
19888. Balduina uniflora Nutt. Honey Comb Head  
Savanna. Asteraceae
- 2  
19889. Grinum americanum L. Seven Sisters  
Roadside ditch. String Lily, Swamp Lily  
Amaryllidaceae
- 1  
19890. Cuscuta compacta Juss. ex Choisy Compact  
Growing over vegetation along roadside. Dodder  
Cuscutaceae
- 2  
19891. Savanna. Cyperaceae !!!
- 2  
19892. Drosera intermedia Hayne Water Sundew  
Low wet area in Savanna. Droseraceae  
Narrow-leaved Sundew



19893.

In flat woods.

July 16, 2006. AL: Mobile County. Dauphin Island.

19894. Plantago major L.  
Entrance to Audubon Sanctuary.Common Plantain  
Plantaginaceae19895. Ambrosia artemisiifolia L.  
Entrance to Audubon Sanctuary.Common Ragweed  
Asteraceae19896. Rhexia mariana L.  
Roadside ditches.Pale Meadow Beauty; Maryland Meadow Beauty  
Melastomataceae19897. Hibiscus auleatus Walter  
Open area of Audubon Sanctuary.Comfort Root  
Malvaceae19898. CaKile lanceolata (Willd.) O.E. Schulz  
Roadside ditch.Coastal Searocket  
Brassicaceae19898a. Ludwigia virgata Michx.

Savanna Primrose Willow

19899. Polygala lutea L.

Bog Bachelor's Button

Along Audubon Sanctuary trail.

Polygalaceae

19900. Polygala cruciata L.

Drumheads

Open area in Audubon Sanctuary.

Polygalaceae

19901. Liatris graminifolia (Walt.) Willd.  
Along bike trail.

Grassleaf Gay feather  
Asteraceae

19902.

Along trail at Audubon Sanctuary.

Poaceae

19903. Chamaecrista fasciculata (Michx.) Greene

Partridge  
Pea

Along trail at Audubon Sanctuary.

Fabaceae

19904. Sonchus asper (L.) Hill

Spiny Sowthistle

Disturbed ground at entrance to Audubon Sanctuary.

Asteraceae

19905. Lactuca canadensis L.

Wild Lettuce  
Wood Lettuce

Disturbed ground at entrance to Audubon Sanctuary.

Asteraceae

19906. Cnidoscolus stimulosus (Michx.) Engelm. & A. Gray

Sandy soil between dunes and flat woods.

Euphorbiaceae

(→ Finger Rot, Tread Softly)

19907. Physalis angustifolia Nutt.

Coastal Ground Cherry

Along trail at Audubon Sanctuary.

Solanaceae

19908.

Dunes at Audubon Sanctuary.

Brassicaceae

19909. Eclipta prostrata (L.) L.

Roadside ditch.

False Daisy

Asteraceae



3  
19910.

Dunes near flat woods of Audubon Sanctuary. Poaceae

19911.

Dunes near flat woods of Audubon Sanctuary. Poaceae

19912. Phlox floridana Benth.

Florida Phlox

Along trail of Audubon Sanctuary.

Polemoniaceae

19913. Ipomoea imperati (Vahl) Griseb.

Beach Morning Glory

Dunes at Audubon Sanctuary.

Convolvulaceae

2  
19914. Ilex

Audubon Sanctuary. Flat Woods.

Aquifoliaceae

19915. Euphorbia

Along trail in Audubon Sanctuary.

Euphorbiaceae

2  
19916. Eupatorium compositifolium Walt.

Dog Fennel

Asteraceae

19917. Polypremum procumbens L.

Polypremum

Trail in Audubon Sanctuary.

Loganiaceae

19918.

Sandy soil between dunes and flat woods.

Poaceae



2

19919.

Wet depression of dry swamp at Audubon Sanctuary. Cyperaceae

2

19920.

Shell Mounds - wet depression. Cyperaceae

2

19921. Vigna luteola (Jacq.) Benth.

Vigna, Savi

Growing over vegetation along Audubon Sanctuary trail. Fabaceae

1

19922.

Flat woods at Audubon Sanctuary.

1

19923. Ilex vomitoria Ait.

Yaupon

Flat woods at Audubon Sanctuary.

Aquifoliaceae

2

19924.

Edge of woods at Audubon Sanctuary.

2

19925.

Near edge of lake at Audubon Sanctuary.

1

19926. Paspalum

Along Audubon Sanctuary trail.

Poaceae

1

19927.

Shell Mounds.

19928.

Shell Mounds.

19929.

Large depression at Shell Mounds.

Poaceae

19930. Aristolochia macrophylla Lam.  
Shell Mounds.Dutchman's Pipe  
Aristolochiaceae19931. Passiflora lutea L.  
Shell Mounds.Yellow Passionflower  
Passifloraceae2  
19932. Sideroxylon lanuginosum Michx.  
Shell Mounds.Black Hair  
Gum Bumelia  
Sapotaceae

July 20, 2006. AL: Mobile County. Dauphin Island.

19933. Sorghum

Moist depression at Shell Mounds.

Poaceae

19934.

Wet depression at Shell Mounds.

Poaceae

19935. Samolus valerandi L. Pineland Pimpernel  
Low area in woods of Shell Mounds. Seaside Brookweed

1 19936. Helianthus annuus L.

Annual Sunflower

1 Along roadside.

Asteraceae

2 19936a. Ficus carica L. Common Fig

Moraceae

19937. Sabatia stellaris Pursh

Rose-of-Plymouth

Roadside ditch and Airport Marsh.

Gentianaceae

1 19938.

Roadside ditch.

1 19939. Eustachys

Roadside ditch.

Poaceae

1 19940.

Along roadside.

Poaceae

1 19941.

Depression in dry swamp.

Cyperaceae

2 19942.

Wet roadside ditch.

2 19943.

Sandy soil between flat woods and dunes.

Cyperaceae

2 19944. Clethera alnifolia L.

Coastal Sweet Pepperbush

Flat woods at edge of dry swamp.

Cletheraceae



19945. Spartina  
Dunes.

Poaceae

19946.

Wet depression of dry swamp.

Poaceae

19947.

Near lake at Audubon Sanctuary.

Poaceae

19948. Polygonum hydropiperoides Michx.  
At edge of lake.

Mild Water Pepper  
Swamp Smartweed  
Polygonaceae

19949. Centella asiatica (L.) Urb.

Wet depression at Audubon Sanctuary.

Spadeleaf  
Apiaceae

19950. Vitis rotundifolia Michx.

Flat woods at Audubon Sanctuary.

Muscadine  
Vitaceae

19951. Cenchrus

Dunes at Audubon Sanctuary.

Poaceae

19952. Froelichia floridana (Nutt.) Moq.

Dunes at Audubon Sanctuary.

Cottonweed  
Amaranthaceae

19953. Rhynchosia minima (L.) DC.

Disturbed ground along bike trail.

Fabaceae

1  
19954.

Near lake at Audubon Sanctuary.

1  
19955. Paronychia erecta (Chapm.) Shinnars

Dunes at Audubon Sanctuary.

Caryophyllaceae

1  
19956. Smilax glauca Walt.

Audubon Sanctuary trail.

Wild Sarsaparilla

Smilicaceae

1  
19957. Vaccinium arboreum Marsh.

Along trail at Audubon Sanctuary.

Sparkleberry

Ericaceae

2  
19958 Persea borbonia (L.) Spreng.

Flat woods at Audubon Sanctuary.

Swamp Red Bay

Lauraceae

1  
19959. Hydrocotyle bonariensis Lam.

Roadside ditch.

Seaside Pennywort

Apiaceae

2  
19960.

Edge of lake.

1  
19961. Asimina parviflora (Michx.) Donal

Along Audubon Sanctuary trail.

Dwarf Paw Paw

Annonaceae

1  
19962.

Edge of dry swamp in woods.

Poaceae



- 1  
19963. Magnolia virginiana L. Sweet Bay  
Edge of pine woods along bike trail. Magnoliaceae
- 2  
19964. Cinnamomum camphora (L.) Presl Camphor Tree  
Flat woods along bike trail. Lauraceae
- 2  
19965. Cuscuta indecora Choisy Bigseed Alfalfa  
Growing over vegetation at Airport Marsh. Dodder  
Gscutaceae
- 1  
19966. Physalis angustifolia Nutt. Gosal Groundcherry  
Airport Marsh. Solanaceae
- 1  
19967. Salicornia perennis Mill. Perennial Glasswort  
Airport Marsh. Virginia Glasswort  
Chenopodiaceae
- 1  
19968. Cynanchum angustifolium Pers. Gulf Coast  
Airport Marsh. (= Apocynaceae) Swallow Wort  
Asclepidaceae
- 2  
19969. Oxypolis filiformis (Walt.) Britt. Common Water  
Ditch along Conde Ave. Dropwort  
Apiaceae

July 21, 2006. AL: Mobile County. Road to Point Aux Pins.



3

19970.

Roadside ditch.

Cyperaceae

1

19971. Hypericum cistifolium Lam. Roundpod St. John's Wort  
Edge of savanna. Clusiaceae

1

19972. Pluchea rosea R.K. Godfrey Rosy Camphorweed  
Along roadside at edge of pine woods. Asteraceae

2

19973.

Wet depression of savanna.

Cyperaceae

1

19974. Bidens laevis (L.) BSP Wild Golden glow  
Roadside. Asteraceae

1

19975. Ilex vomitorea Ait. Yaupon  
Edge of woods along roadside. Aquifoliaceae

1

19976.

Along wet roadside ditch.

Cyperaceae

1

19977. Magnolia grandiflora L. Southern Magnolia  
Along bike trail. Bull Bay Magnoliaceae

1

19978. Helenium amarum (Raf.) Rock Bitterweed  
Disturbed ground at DISL. Spanish Daisy Asteraceae

<sup>2</sup> 19979. Daubentonia punicea (Cav.) DC. Purple Sesban  
Roadside ditch. Fabaceae

<sup>1</sup> 19980.

Median of Bienville Blvd.

<sup>2</sup> 19981.

Wet depression near swamp at Audubon Sanctuary. Cyperaceae

<sup>3</sup> 19982. Ambrosia trifida L.

Giant Ragweed

Along intermittent stream near entrance  
to Audubon Sanctuary.

Asteraceae

<sup>1</sup> 19983.

Along trail in flat woods at Audubon Sanctuary.

<sup>1</sup> 19984. Mikania scandens (L.) W. & A.

Climbing Hemipine

Climbing over vegetation near dry swamp  
off trail at Audubon Sanctuary.

Asteraceae

<sup>2</sup> 19985. Vaccinium arboreum Marsh.

Sparkleberry

Flat woods along Audubon trail.

Ericaceae

<sup>2</sup> 19986.

Open area along trail of Audubon Sanctuary. Poaceae



- 2  
19987. Osmanthus americanus (L.) Benth. & Hook. f. ex Gray  
Flat woods along trail at Audubon Sanctuary. Oleaceae  
Wild Olive  
- American Devilwood
- 1  
19988. Galium hispidulum Michx. Coastal Bedstraw  
Audubon Sanctuary. Rubiaceae
- 2  
19989. Paronychia erecta (Chapm.) Shinn. Squeenflower  
Sand dunes at Audubon Sanctuary. Caryophyllaceae
- 1  
19990. Ipomoea hederifolia L. Scarlet Creeper  
Disturbed ground near laundry mat. Convolvulaceae
- 1  
19991. Phlox drummondii Hook. Annual Phlox  
City park.
- 1  
19992. Vitex agnus-castus L. Chaste-tree  
City park. Verbenaceae
- 2  
19993. Sesbania drummondii (Rydb.) Cory Rattlebush  
Along roadside. Fabaceae
- 2  
19994. Ipomoea purpurea (L.) Roth Common morning glory  
Open disturbed ground. Convolvulaceae



July 22, 2006. AL: mobile County. Road to Point Aux Pins.

- <sup>3</sup> 19995. Quercus chapmani: Sarg. Chapman Oak  
Roadside at edge of woods. Fagaceae
- <sup>2</sup> 19996. Wadelia glauca (Ort.) Hoffm. Creeping Ox-eye  
Roadside ditch. Asteraceae
- <sup>2</sup> 19997. Quercus hemisphaerica Bartr. Laurel Oak  
woods along roadside. Fagaceae
- <sup>3</sup> 19998. Wet areas in Pine woods.
- <sup>1</sup> 19999. Tofieldia racemosa (Walt.) BSP Asphodel  
Savanna. Tofieldiaceae
- <sup>1</sup> 20000. Platanthera ciliaris (L.) Lindl. Yellow Fringed Orchid  
Wet seeps in pine woods. Orchidaceae
- <sup>1</sup> 20001. Edge of savanna and roadside Poaceae
- <sup>1</sup> 20002. Galactia volubilis (L.) Britt. Growing over vegetation at edge of savanna. Fabaceae

20003. Scirpus cyperinus (L.) Kunth Cyperaceae  
Woolgrass
20004. Peltandra virginica (L.) Schott and Endl. Green Arum  
low muddy area along roadside. Araceae
20005. Drosera capillaris Poir. Pink Sundew  
low muddy area along roadside.
20006. Utricularia purpurea Walt. Purple Bladderpod  
Wet depression in savanna. Lentibulariaceae
20007. Hypericum galioides L. Bedstraw St. John's Wort  
Edge of savanna. Clusiaceae
20008. Polygala cymosa Walter Tall Milkwort  
Edge of savanna. Polygalaceae
20009. Wet roadside ditch. Cyperaceae
20010. Ipomoea sagittata Poir. Saltmarsh Morning Glory  
Open area along roadside. Convolvulaceae
20011. Wet savanna. Cyperaceae
20012. Asclepias lanceolata Walter Apocynaceae (= Asclepiadaceae).  
Savanna. Few Flowered Milkweed



- 1  
20013. Lobelia floridana Chapm. Florida Lobelia  
Savanna. Lobeliaceae
- 1  
20014. Savanna. Cyperaceae
- 1  
20015. Xyris iridifolia Chapm. Irisleaf Yelloweyed Grass  
Savanna. Xyridaceae
- 2  
20016. Savanna. Cyperaceae
- 1  
20017. Lophiola aurea Ker-Gaw. Goldcrest  
Savanna. Haemodoraceae
- 1  
20018. Eriocaulon decangulare L. Common Pipewort  
Savanna. Eriocaulaceae
- 1  
20019. Symphotrichum  
Roadside.
- 1  
20020. Polygala nana (Michx.) de Candolle Bachelor  
Savanna. Button  
Polygalaceae
- 1  
20021. Savanna. Poaceae



- <sup>2</sup>  
20022. Polygala cruciata L. Drum Heads  
Savanna. Polygalaceae
- <sup>1</sup>  
20023. Rhexia alifanus Walt. Savannah Meadowbeauty  
Savanna. Melastomataceae
- <sup>2</sup>  
20024. Helianthus heterophyllus Nutt. Variable Leaf Sunflower  
Roadside. Asteraceae
- <sup>1</sup>  
20025. Polygala lutea L. Candyweed, Bog Bachelor-Button  
Roadside savanna. Polygalaceae
- <sup>1</sup>  
20026. Lachnanthes caroliniana (Lam.) Dandy Redroot  
Roadside savanna.
- <sup>1</sup>  
20027. Eupatorium rotundifolium L. False Hoarhound  
Roadside savanna. Asteraceae

July 23, 2006. AL: Mobile County. Dauphin Island.

- <sup>2</sup>  
20028. Croton capitatus Michx. Woolly Croton  
Sand dunes. Euphorbiaceae

20029. Hypericum cistifolium Lam. Roundpod St. John's Wort  
Edge of pine woods. Clusiaceae

July 23, 2006. AL: Mobile County. Road to Point Aux Pins

20030. Utricularia purpurea Walt. Purple Bladderwort  
Standing water along roadside. Lentibulariaceae

20031.

Roadside.

Gyneraceae

20032. Cyrilla racemiflora L. Tit. Leatherwood  
Edge of pine woods along roadside. Cyrillaceae

20033. Sapium sebiferum (L.) Roxb. Popcorn Tree  
Along roadside. Chinese Tallow Tree  
Euphorbiaceae

20034. Tephrosia hispidula (Michx.) Pers. Sprawling Hoary pea  
Along Roadside. Fabaceae

20035. Bacopa monnieri (L.) Pennell  
Roadside ditch.



July 24, 2006. AL: Mobile County. Dauphin Island.

20036. Ampelopsis arborea (L.) Koehne

Growing on fence along campground. Pepper Vine

Vitaceae

20037. Tephrosia hispida (Michx.) Pers.

Along bike trail.

spreading  
Hoary pea  
Fabaceae

20038. Vernonia angustifolia Michx.

Tall Ironwood

Along bike trail at edge of woods.

Asteraceae

20039. Rhexia nashii: Small

Ditch along Bienville Blvd.

Meadow Beauty

Melastomataceae

20040. Verbena halei: Small

Along bike trail.

Texas Vervain

Verbenaceae

20041. Chenopodium album L.

Along bike trail.

Lamb's Quarters

Chenopodiaceae

20042. Cenchrus

Along bike trail.

Poaceae

20043. Croton glandulosus L. var. glandulosus

Along Audubon Sanctuary trail.

Euphorbiaceae

Vente Conmigo



20044. Polygala grandiflora Walter      Showy Milkwort  
Along Audubon Sanctuary trail.      Polygalaceae
20045. Tradescantia ohiensis Raf.      Ohio Spiderwort  
Along Audubon Sanctuary trail.      Commelinaceae
20046. Chamaesyce hyssopifolia (L.) Small      Eyebane  
Along Audubon Sanctuary trail..      Euphorbiaceae
20047. Phyla nodiflora (L.) Greene      Turkey Tangle Fogfruit  
Roadside ditch along Bienville Blvd.      Capeweed  
Verbenaceae
20048. Hyptis mutabilis (Rich.) Brig.      Tropical Bushmint  
Ditch at corner of Bienville and Buchanan.      Lamiaceae
20049.  
Ditch.      Cyperaceae
20050.  
Moist area of dry swamp in Audubon Sanctuary.      Poaceae
20051. Tillandsia usneoides (L.) L.      Spanish Moss  
Shell mounds.      Bromeliaceae
20052. Chenopodium album L.      Lamb's Quarter  
Shell mounds.      Chenopodiaceae

- <sup>2</sup>  
20053. Ambrosia artemisiifolia L. Common Ragweed  
Shell mounds. Asteraceae
- <sup>2</sup>  
20054. Agalinis maritima (Raf.) Raf. Saltmarsh False Foxglove  
Airport marsh. Scrophulariaceae (= Plantaginaceae)
- <sup>1</sup>  
20055. Chenopodium album L. Lamb's Quarters, Pigweed  
Edge of water at Bayou Heron Park. Chenopodiaceae
- <sup>1</sup>  
20056. Heterotheca subaxillaris (Lam.) Britt. & Rusby  
Sand dunes. Camphor Weed Asteraceae

July 24, 2006. AL: Mobile County. Alabama Port Park.

- <sup>1</sup>  
20057.  
Edge of marsh.
- <sup>1</sup>  
20058. Chasmanthium  
Dunes. Poaceae
- <sup>2</sup>  
20059.  
Edge of marsh.
- <sup>1</sup>  
20060. Spartina  
Edge of marsh. Poaceae



20061. Cladium

Ditch at park entrance.

20062. Kosteletzkya virginica (L.) Presl ex Gray

Edge of marsh.

Seashore Mallow

Saltmarsh Mallow

Malvaceae

20063. Ipomoea pandurata (L.) G.F.W. Meyer

Manroot,  
Wild Potato  
vine

Climbing over vegetation at edge of marsh.

Convolvulaceae

20064. Freesia cf. refracta

Near parking area next to restrooms.

Fridaceae

July 25, 2006. AL: mobile County. Dauphin Island Sea Lab.

20065. Nerium oleander

In median along B.enville Blvd.

Apocynaceae

20066. Gaura angustifolia Michx.

Along roadside.

Southern Beeblossom  
Onagraceae

20067. Lythrum lineare L.

Along roadside

Wand Loosestrife  
Lythraceae



<sup>1</sup>  
20068. Vigna luteola (Jacq.) Benth. Cowpea  
Growing over vegetation at Goat Tree park. Fabaceae

<sup>2</sup>  
20069. Sesbania drummondii (Rydb.) Cory Rattlebush  
In ditch along Conde Ave. Fabaceae

<sup>1</sup>  
20070. Spartina  
Government Cut Marsh. Poaceae

<sup>2</sup>  
20071.  
Wet area near swamp in Audubon Sanctuary. Cyperaceae

<sup>1</sup>  
20072. Paspalum  
Along trail in Audubon Sanctuary. Poaceae

<sup>1</sup>  
20073. Polygonum lapathifolium L. Pale Knotweed  
Edge of lake in Audubon Sanctuary. Curly Knotweed  
Polygonaceae

<sup>1</sup>  
20074.  
Along roadside at edge of Pine Woods. Asteraceae

<sup>1</sup>  
20075.  
Near lake in Audubon Sanctuary.

<sup>1</sup>  
20076. Sagittaria lancifolia L. subsp. lancifolia  
Wet ditch along Bienville Blvd. Alismataceae  
Buttongue Arrowhead

1  
20077. Ludwigia alternifolia L.

Ditch along Apache Ave.

Seedbox  
Onagraceae

1  
20078. Sagittaria graminea Michx.

Moist area near lake in Audubon Sanctuary. Alismataceae

3  
20079.

Near lake in Audubon Sanctuary.

Cyperaceae

1  
20080. Spartina

Government Cut Marsh.

Poaceae

2  
20081. Limonium carolinianum (Walt.) Britt.

Low moist area at Shell Mounds.

Marsh Rosemary  
Sea-Lavender

Plumbaginaceae

2  
20082. Agalinis maritima (Raf.) Raf.

Airport Marsh.

Saltmarsh Foxglove  
False

Plantaginaceae (= Scrophulariaceae)

1  
20083. Mikania scandens (L.) Willd.

Growing over vegetation in Audubon Sanctuary.

Asteraceae

1  
20084. Kosteletzkya virginica (L.) Presl ex Gray

Near lake at Audubon Sanctuary

Saltmarsh  
mallow

Malvaceae

2  
20085.

Roadside ditch

Cyperaceae

<sup>1</sup>  
20086.

Near lake in Audubon Sanctuary.

Cyperaceae

<sup>2</sup>  
20087. Bromus

Along trail in Audubon Sanctuary.

Poaceae

<sup>1</sup>  
20088.

Ditch near campground along Bienville Blvd.

Poaceae

<sup>1</sup>  
20089. Licania michauxii Prance

Along trail in Audubon Sanctuary.

Gopher Apple

Chrysobalanaceae

August 5, 2006. KS: Cherokee County. Schlemmerhorn  
Park - Southeast Kansas Nature Center.<sup>1</sup>  
20090. Verbascum

Grassy area near Shoal Creek.

<sup>2</sup>  
20091

Poaceae

<sup>3</sup>  
20092

Poaceae

<sup>2</sup>  
20093.

Poaceae



<sup>1</sup>  
20094.

Poaceae

<sup>1</sup>  
20095. Allium

Alliaceae

<sup>1</sup>  
20096. Trifolium

Fabaceae

<sup>1</sup>  
20097.

Poaceae

<sup>1</sup>  
20098. Dactylis

Poaceae

<sup>2</sup>  
20099.

Poaceae

<sup>2</sup>  
20100

Poaceae

<sup>2</sup>  
20101

Poaceae

<sup>3</sup>  
20102 Quercus

Fagaceae

<sup>2</sup>  
20103. Quercus

Fabaceae

<sup>2</sup>  
20104. Rhus aromatica

Anacardiaceae

<sup>1</sup>  
20105. Ruellia

Acanthaceae

<sup>1</sup>  
20106 Galium

Rubiaceae

<sup>2</sup>  
20107. Plantago

Plantaginaceae

<sup>2</sup>  
20108. Erigeron

Asteraceae

<sup>3</sup>  
20109. Poa

Poaceae

<sup>2</sup>  
20110.

Fern

August 20, 2006. MO: Newton County. Wildcat Glade Trail Area.

20111.

20112. Parthenocissus quinquefolia

Vitaceae

20113.

Apiaceae

20114.

Asteraceae

20115.

Solanaceae

20116.

20117.

Asteraceae

20118.

Chenopodiaceae



20119.

<sup>1</sup>  
20120. Bidens

Asteraceae

<sup>1</sup>  
20121. Nummularia

<sup>1</sup>  
20122. Polygonum

Polygalaceae

<sup>1</sup>  
20123.

Poaceae

<sup>1</sup>  
20124.

Poaceae

<sup>1</sup>  
20125. Lespedeza

Fabaceae

<sup>1</sup>  
20126.

Asteraceae

<sup>2</sup>  
20127.

20128. Ambrosia

Asteraceae

\* Go to September 10, 2006 Pg. 148

September 15, 2006. MO: Newton County. Wildcat Glade Trail Area.

20129. Verbesina

Asteraceae

20130. Ruellia

Acanthaceae

20131.

Asteraceae

20132.

Poaceae

20133. Cuscuta

Cuscutaceae

20134. Coreopsis

Asteraceae

20135.

Urticaceae

<sup>1</sup>  
20136. Euphorbia

Euphorbiaceae

<sup>1</sup>  
20137. Lactuca

Asteraceae

<sup>1</sup>  
20138.

Asteraceae

<sup>2</sup>  
20139. Tridens

Poaceae

<sup>1</sup>  
20140. Verbena

Verbenaceae

<sup>1</sup>  
20141.

<sup>1</sup>  
20142. Amaranthus

Amaranthaceae

<sup>1</sup>  
20143.

Poaceae

20144. Lemna

Lemnaceae



20145. Helianthus

Asteraceae

20146. Lespedeza

Fabaceae

20147. Amsonia

Apocynaceae

20148.

Lamiaceae

20149. Solidago

Asteraceae

20150 Solidago

Asteraceae

20151. An

Plantaginaceae

20152. Symphotrichum

Asteraceae

20153. Setaria

Poaceae

<sup>1</sup>  
20154.

Poaceae

<sup>1</sup>  
20155.

Poaceae

<sup>1</sup>  
20156.<sup>1</sup>  
20157. Quercus

Fagaceae

<sup>2</sup>  
20158. Quercus

Fagaceae

<sup>1</sup>  
20159.

Cyperaceae

<sup>1</sup>  
20160.

Fabaceae

<sup>2</sup>  
20161.<sup>2</sup>  
20162. Desmodium

Fabaceae

20163.

Asteraceae

20164. Solidago

Asteraceae

20165. Solidago

Asteraceae

20166. Solidago

Asteraceae

20167.

Fabaceae

20168.

Asteraceae

20169.

Asteraceae

20170. Vernonia baldwinii

Asteraceae

20171. Solidago

Asteraceae



20172.

Asteraceae

20173. Liatris aspera

Asteraceae

September 16, 2006. KS: Cherokee County. Schermerhorn  
Park - Southeast Kansas Nature Center.

20174.

Asteraceae

20175 Symphotrichum

Asteraceae

20176.

Asteraceae

20177. Salvia

Lamiaceae

20178.

Asteraceae

- <sup>1</sup>  
20179. Solidago  
Asteraceae
- <sup>2</sup>  
20180.  
Poaceae
- <sup>1</sup>  
20181. Verbesina  
Asteraceae
- <sup>1</sup>  
20182. Solidago  
Asteraceae
- <sup>1</sup>  
20183. Ambrosia  
Asteraceae
- <sup>2</sup>  
20184.  
Asteraceae
- September 30, 2006. MO: Newton County. Wildcat Glade area.
- <sup>1</sup>  
20185. Solidago  
Asteraceae

<sup>1</sup>  
20186.

Asteraceae

<sup>2</sup>  
20187.

Asteraceae

<sup>2</sup>  
20188. Elephantopus

Asteraceae

<sup>2</sup>  
20189.

Asteraceae

<sup>1</sup>  
20190. Chasmanthium

Poaceae

<sup>1</sup>  
20191.<sup>1</sup>  
20192.

Poaceae

<sup>1</sup>  
20193.

Euphorbiaceae

<sup>2</sup>  
20194. Fraxinus



1.  
20195.  
Poaceae
1.  
20196. Desmodium  
Fabaceae
2.  
20197. Euphorbia  
Euphorbiaceae
2.  
20198.  
Asteraceae
1.  
20199. Amaranthus  
Amaranthaceae
1.  
20200. Polygonum  
Polygonaceae
1.  
20201.  
Poaceae
1.  
20202. Chenopodium  
Chenopodiaceae
1.  
20203. Lactuca  
Asteraceae

20204. Digitaria

Poaceae

20205. Oxalis

Oxalidaceae

20206.

Poaceae

20207.

Poaceae

20208.

20209. Desmodium

Fabaceae

20210. Lespedeza

Fabaceae

20211.

Fabaceae

20212.

Asteraceae

1  
20213. Symphotrichum

Asteraceae

3  
20214.

1  
20215.

2  
20216.

Poaceae

1  
20217 Euphorbia

Euphorbiaceae

1  
20218.

Asteraceae

1  
20219.

Poaceae

1  
20220.

1  
20221.

Asteraceae



2.

20222.

Poaceae

1

20223.

Poaceae

1

20224.

Asteraceae

1

20225.

1

20226.

Poaceae

1

20227. Andropogon

Poaceae

1

20228. Euphorbia

Euphorbiaceae

1

20229. Euphorbia

Euphorbiaceae

1

20230. Euphorbia

Euphorbiaceae

20231.

Asteraceae

20232. Solidago

Asteraceae

20233. Gaura

Onagraceae

September 30, 2006. KS: Cherokee County. Schermerhorn  
Park - Southeast Kansas Nature Center.

20234. Elephantopus

Asteraceae

20235. Solidago

Asteraceae

20236. Symphotrichum

Asteraceae

20237. Euphorbia

Euphorbiaceae

20238.

Euphorbiaceae

20239. Euphorbia

Euphorbiaceae

20340.

Fabaceae

20341. Euphorbia

Euphorbiaceae

20342.

Poaceae

20343. Setaria

Poaceae

20344. Tridens

Poaceae

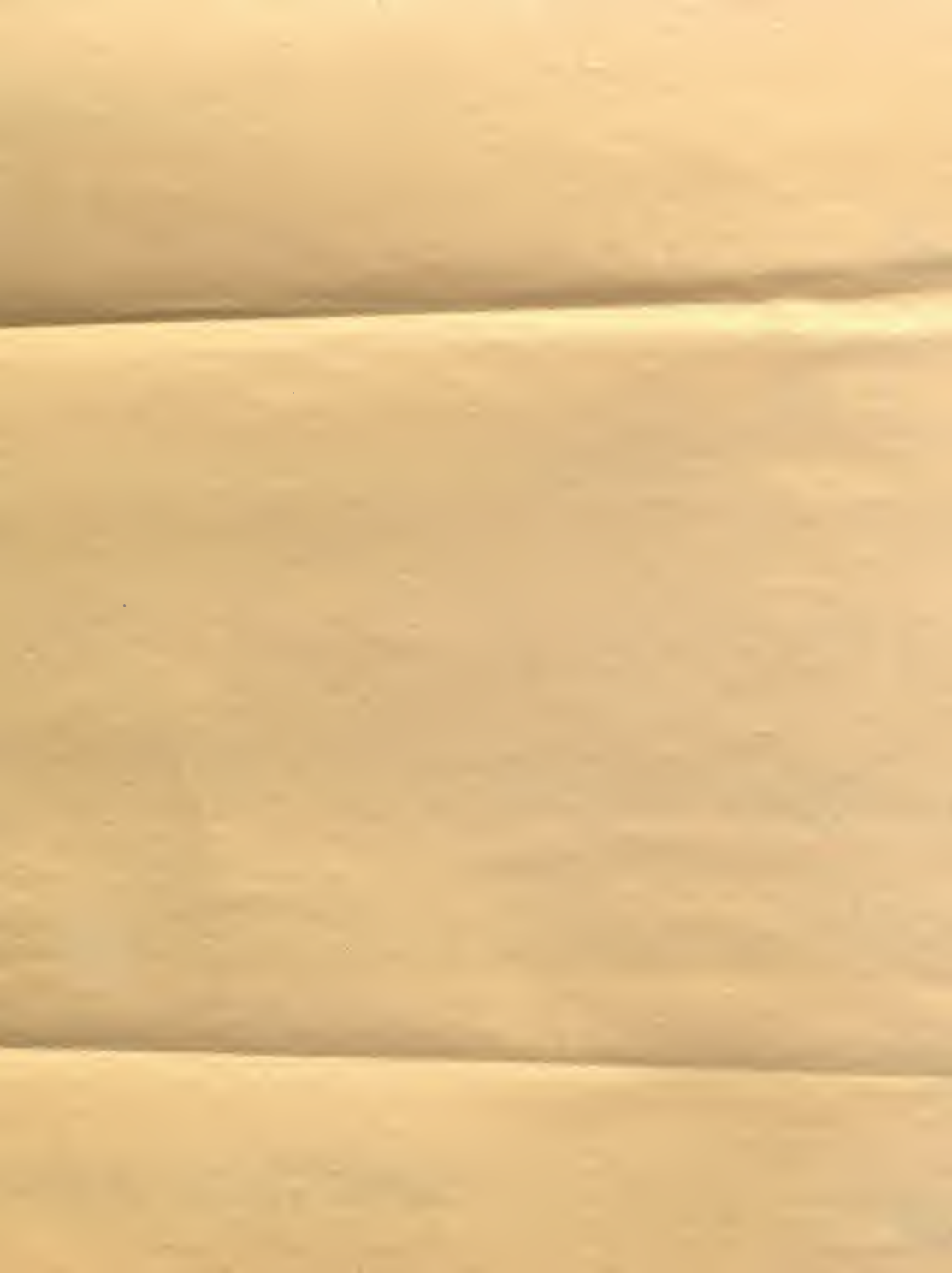
20345.

Poaceae

20346.

Asteraceae





S. I. Tinn

Book 8, pg. 89

numbering - jump

20239      next is      20340

1  
20347.

Poaceae

October 1, 2006. MO: Newton County. Bank of  
intermittent stream ~~near~~ along highway CC ca. 0.2 Km  
south of highway 86.

2  
20348.

October 2, 2006. MO: Newton County. Wildcat Glade  
Area.

1  
20349.

Poaceae

1  
20350. Symphotrichum

Asteraceae

June 1, 2006. KS: Montgomery County. State Fishing Lake south  
of Independence.



2

20351.

2

20352.

Cyperaceae

1  
20353. Salvia lyrata

Lamiaceae

1

20354.

Tridaceae

June 2, 2006. KS: Cherokee County. Shermerhorn  
Park - Southeast Kansas Nature Center.

1

20355.

Rosaceae

2

20356 Rubus

Rosaceae

2

20357.

Fern

February 8, 2007. MO: Henry County. ca. 4.8 Km east of  
highway 13, just southeast of Brownington. NW4, S21,  
R25W, T40N. Sandstone outcrops at Truman Lake.  
w/Tim Smith

<sup>1</sup>  
20358. Selaginella rupestris (L.) Spring Selaginellaceae  
On thin soil over sandstone.

20359. Mannia fragrans (Balbis) Frye & Clark  
On thin soil over sandstone. Ayttoniaceae

<sup>1</sup>  
20360. Oxymitra incassata (Brot.) Sergio & Sim-Sim  
On thin soil over sandstone. Oxymitraceae

<sup>2</sup>  
20361. Mannia

<sup>2</sup>  
20362. Riccia

Ricciaceae

February 8, 2007. MO: St. Clair County. 5.6 Km NNW of  
Collins. T37N R25W S25 N2. Sandstone glade on  
channel sands formation. Off. Highway 13 on east  
side.  
w/Tim Smith

<sup>2</sup>  
20363. Polytrichum piliferum Hedw. Polytrichaceae  
On thin soil over sandstone.

2

20364. Asterella tenella (L.) Beauv.

On thin soil over sandstone.

Asteraceae

2.

20365. Selaginella rupestris (L.) Spring

On thru soil over rock.

Selaginellaceae

February 23, 2007. MO: Newton County. Wildcat Glade Area.

2

20366. Riccia

Silver Creek Glade. On thin soil over limestone. Ricciaceae

1

20367. Frullania eboracensis Gott.On Quercus.

Tubulaceae

2

20368. Hedwigia ciliata (Hedw.) P. Beauv.

On rocks of limestone glade.

Hedwigiaceae

1

20369. Amblystegium varium (Hedw.) Lindb.

On soil over limestone.

Amblystegiaceae

3.

20370. Atrichum angustatum (Brid.) Bruch & Schimp in B.S.G.

On soil in rocky woods.

Polytrichaceae



- 2  
20371. Amblystegium varium (Hedw.) Lindb.  
On soil over limestone. Amblystegiaceae
20372. Amblystegium varium (Hedw.) Lindb.  
On shaded rocky soil in woods. Amblystegiaceae
- 2  
20373. Schistidium apocarpum (Hedw.) Bruch & Schimp. in B.S.G.  
On limestone boulders. Grimmiaceae
- 1  
20374. Lophocolea heterophylla (Schrad.) Dum.  
On soil in oak/hickory woods. Geocalycaceae
- 2  
20375. Chiloscyphus profundus (Nees) Eng. & Schust.  
On soil in oak/hickory woods. Geocalycaceae
- 1  
20375a. Pleuroidium subulatum (Hedw.) Rabh. Ditrichaceae
- 2  
20376. Brachythecium acuminatum (Hedw.) Aust. var. acuminatum  
On soil in oak/hickory woods. Brachytheciaceae
- 1  
20377. Platygyrium repens (Brid.) BSG.  
On decaying log. Hypnaceae
- 2  
20377a. Frullania eboracensis Gott. Jubulaceae
20378. Entodon seductrix (Hedw.) C. Müll.  
On soil and at base of trees. Entodontaceae
- 1  
20379. Leucodon julaceus (Hedw.) Sull.  
On tree trunk. Leucodontaceae

20380. Atrichum angustatum (Brid.) Bruch & Schimp. in B.S.G.  
On soil in oak/hickory woods. Polytrichaceae

20381. Brachythecium laetum (Brid.) B.S.G.  
On thin soil over rock. Brachytheciaceae

20382. Polytrichum juniperinum Hedw.  
On exposed soil over limestone. Polytrichaceae

20383. Homomallium adnatum (Hedw.) Broth.  
On bark at base of Quercus sp. Hypnaceae

20384. Eurhynchium pulchellum (Hedw.) Jenn. var. pulchellum  
On thin soil over rock. Brachytheciaceae

20385. Leucobryum albidum (Brid. ex P. Beauv.) Lindb.  
On soil in oak/hickory woods. Leucobryaceae

20386. Polytrichum juniperinum Hedw.  
On soil in oak/hickory woods. Polytrichaceae

20387. Schistidium rivulare (Brid.) Podp.  
On thin soil over limestone. Grimmiaceae

20388. Porella pinnata L.  
On limestone boulders. Porellaceae



- <sup>2</sup>  
20389. Leptodictyum riparium (Hedw.) Warnst.  
On wet rocks in intermittent stream. Amblystegiaceae
- <sup>1</sup>  
20390. Leucodon julaceus (Hedw.) Sull. Leucodontaceae
20391. Atrichum angustatum (Brid.) Bruch & Schimp. in B.S.G.  
On soil in rocky woods. Polytrichaceae
20392. Polytrichum juniperinum Hedw.  
On soil over limestone. Polytrichaceae
- <sup>3</sup>  
20393. Porella pinnata L.  
Attached to limestone in intermittent stream. Porellaceae
- <sup>3</sup>  
20394. Riccia hirta (Aust.) Underw.  
On soil over limestone. Ricciaceae
- <sup>4</sup>  
20395. Plagiobryum pseudotriquetrum (Hedw.) Pederson  
On wet soil over limestone. Bryaceae
20396. Plagiobryum pseudotriquetrum (Hedw.) Pederson  
On soil over limestone. Bryaceae
20397. Bryum lisae var. cuspidatum (Bruch & Schimp. in B.S.G.)  
On moist soil over limestone. Marg.  
Bryaceae



1  
20398. Reboulia hemisphaerica (L.) Raddi. Ayttoniaceae

20399. Riccia sorocarpa Bisch. Ricciaceae  
on wet soil over limestone.

20400. Atrichum angustatum (Brid.) Bruch & Schimp. in B.S.G. Polytrichaceae  
on soil over limestone boulders.

3  
20401. Polytrichum commune Hedw. <sup>var.</sup> commune Polytrichaceae  
on soil in woods.

4  
20402. Aulacomnium heterostichum (Hedw.) Bruch & Schimp. Aulacomniaceae in B.S.G.  
on moist soil over limestone.

5  
20403. Climacium americanum Brid. Climaciaceae  
On wet soil over rock in and along intermittent stream.

5  
20404. Polytrichum juniperinum Hedw. Polytrichaceae  
on deep soil in oak/hickory woods. Juniperaceae

5  
20405. Plagiobryum pseudotriquetrum (Hedw.) Pederson Bryaceae  
On wet soil over rocks in intermittent stream.

3  
20406. Reboulia hemisphaerica (L.) Raddi.  
On moist soil ~~at~~ below limestone overhangs.

20407. Schistidium apocarpum (Hedw.) Bruch & Schimp in B.S.G.  
On limestone boulders. Grimmiaceae
- <sup>2</sup>  
20408. Frullania brittoniae Evans  
On Quercus sp. Tubulaceae
- <sup>6</sup>  
20409. Leucobryum glaucum (Hedw.) Angstr. in Fries  
On soil in oak/hickory woods. Leucobryaceae
- <sup>3</sup>  
20410. Platygyrium repens (Brid.) BSG  
On decaying log. Hypnaceae
- <sup>4</sup>  
20411. Thelia lescurii Sull. in Sull. & Lesq.  
On soil over limestone. Theliaceae
- <sup>6</sup>  
20412. Polytrichum juniperinum Hedw.  
On deep soil in oak/hickory woods. Polytrichaceae
- <sup>6</sup>  
20413. Entodon seductrix (Hedw.) C. Müll.  
On soil in oak/hickory woods. Entodontaceae
- <sup>7</sup>  
20414. Dicranum condensatum Hedw.  
On deep soil at edge of oak/hickory woods. Dicranaceae
- <sup>3</sup>  
20415. Amblystegium varium (Hedw.) Lindb.  
On soil in crevice of limestone boulders. Amblystegiaceae



- <sup>7</sup>  
20416. Weissia controversa Hedw.  
On soil over exposed limestone. Pottiaceae
- <sup>7</sup>  
20417. Plagiobryum pseudotriquetrum (Hedw.) Pederson  
On exposed soil over limestone. Bryaceae
- <sup>7</sup>  
20418. Plagiobryum pseudotriquetrum (Hedw.) Pederson  
On exposed soil over limestone. Bryaceae
- <sup>6</sup>  
20419. Anomodon  
On soil in oak/hickory woods.
- <sup>6</sup>  
20420. Thelia lescurii Sull. in Sull. & Lesq.  
On soil in oak/hickory woods. Theliaceae

March 5, 2007. MO: Newton County. Walter Wood Conservation Area.

- <sup>5</sup>  
20421. Leptodictyum riparium (Hedw.) Warnst.  
In-floating - in small pond. Amblystegiaceae
- <sup>5</sup>  
20422. Plagiomnium cuspidatum (Hedw.) T. Kop.  
On soil of intermittent stream bank. Mnaceae



- <sup>2</sup>  
20423. Steerecleus serrulatus (Hedw.) Robins.  
On soil in woods. Brachytheciaceae
- <sup>2</sup>  
20424. Entodon seductrix (Hedw.) C. Müll. Entodontaceae  
Growing over rocks along intermittent stream.
- <sup>5</sup>  
20425. Brachythecium acuminatum (Hedw.) Aust. var. acuminatum  
On soil in open woods. Brachytheciaceae
- <sup>3</sup>  
20426. Clasmatodon parvulus (Hampe) Hook. & Wils. in Sull.  
On thin soil over rocks along intermittent stream. Fabroniaceae
- <sup>3</sup>  
20427. Plagiomnium cuspidatum (Hedw.) T. Kop.  
On soil in woods. Mniaceae
- <sup>2</sup>  
20428. Frullania eboracensis Gott.  
On Quercus sp. Jubulaceae
- <sup>1</sup>  
20429. Frullania eboracensis Gott.  
On Quercus sp. Jubulaceae
- <sup>1</sup>  
20430. Leskea gracilescens Hedw. Leskeaceae  
On Quercus sp.
- <sup>2</sup>  
20431. Brachythecium acuminatum (Hedw.) Aust. var. acuminatum  
On soil at edge of path. Brachytheciaceae

20432. Clasmatodon parvulus (Hampe) Hook. & Wils. in Sull.  
On rocks along intermittent stream. Fabroniaceae

20433. Clasmatodon parvulus (Hampe) Hook. & Wils. in Sull.  
On rocks along intermittent stream. Fabroniaceae

20434. Entodon seductrix (Hedw.) C. Müll.  
On rocks along intermittent stream. Entodontaceae

20435. Frullania inflata Gott.  
On rocks at edge of intermittent stream. Jubulaceae

March 6, 2007. KS: Cherokee County. Spring River Wildlife Area.

20436. Fontinalis missourica Card. Fontinalaceae  
On rocks or branches submerged in  
intermittent stream.

20437. Riccia lamellosa Raddi Ricciaceae  
On soil below grasses.

20438. Sphaerocarpos Sphaerocarpaceae  
On soil in cut over milo field.



20439. Asterella tenella (L.) Beauv.  
On soil beneath grasses.

Aytoniaceae

March 7, 2007. KS: Montgomery Co. Sandstone outcrops  
at Montgomery Co. State Fishing Lake.

<sup>5</sup>  
20439. Oxymitria incrassata  
On exposed sandstone.

Oxymitriaceae

March 15, 2007. Missouri: Newton County. Wildcat  
Park.

<sup>1</sup>  
20440. Porella platyphylla (L.) Pfeiff.  
Attached to wet limestone.

Porellaceae

<sup>1</sup>  
20441. Anomodon rostratus (Hedw.) Schimp.  
On wet limestone.

Anomotaaceae

20442. Reboulia hemisphaerica (L.) Raddi  
On soil in crevices of limestone.

Aytoniaceae



<sup>3</sup> 20443. Frullania inflata Gott. Tubulaceae  
At base of Quercus and on soil at very base of tree.

<sup>1</sup> 20444. Bryum lisae var. cuspidatum (Bruch & Schimp. in B.S.G.) Marg.  
On rock below ledges.

<sup>3</sup> 20445. Weissia controversa Hedw. Pottiaceae  
On soil over rock.

<sup>2</sup> 20446. Ditrichum pallidum (Hedw.) Hampe Ditrichaceae  
On soil in woods.

<sup>2</sup> check - Physcomitrium?  
20447. Funaria flavicans Michx. Funariaceae  
On exposed soil over limestone.

<sup>2</sup> 20448. Frullania ericoides (Nees) ~~Nees~~ <sup>Nees</sup> Tubulaceae  
On cedar. Mixed w/ 20449.

<sup>1</sup> 20449. Porella platyphylla (L.) Pfeiff. Porellaceae  
On bark of cedar. Mixed w/ 20448.

<sup>1</sup> 20450. Fabronia ciliaris (Brid.) Brid. var. ciliaris Fabroniaceae  
On cedar. Mixed w/ 20448 & 20449.

<sup>1</sup> 20451. Bryoandersonia illecebra (Hedw.) Robins. Brachytheciaceae  
On soil in woods.

1  
20452. Frullania ericoides (Nees) Nees Tubulaceae  
On bark of Quercus sp.

1  
20453. Frullania eboracensis Gott. Tubulaceae  
On Quercus sp.

1  
20454. Frullania brittoniae Evans Tubulaceae  
On cedar.

1  
20455. Thuidium delicatulum (Hedw.) Schimp. in B.S.G.  
On soil in woods. Thuidiaceae var. delicatulum

1  
20456. Campylium hispidulum (Brid.) Mitt. Amblystegiaceae  
On soil in woods.

March 16, 2007. Kansas: Cherokee County. Spring River  
Wildlife Area.

20457. Frullania inflata Gott. Tubulaceae  
On Quercus sp.

2  
20458. Conocephalum conicum (L.) Lindb. Conocephalaceae  
On wet rock at edge of  
intermittent stream.



2

20459. Bartramia pomiformis Hedw. Bartramiaceae  
On sandstone ledge.

2

20460. Aulacomnium heterostichum (Hedw.) B.S.G. Aulacomniaceae  
On sandstone ledge.

1

20461. Thuidium delicatulum (Hedw.) B.S.G. var. Thuidiaceae delicatulum  
On soil of wooded slope.

3

20462. Bryoandersonia illecebra (Hedw.) Robins. Brachytheciaceae  
Thin soil over sandstone ledge.

3

20463. Frullania ericoides (Nees) Mont. Jubulaceae  
On Quercus sp.

1

20464. Plagiochila asplenoides subsp. porelloides (Torr. ex Nees) Schust.  
Mixed in w/ 20458.

3

20465. Reboulia hemisphaerica (L.) Radd. Artoniaceae  
On moist, shaded sandstone ledge.

20466. Radula

1

20467. Leucolejeunea clypeata (Schwein.) Evans Lejeuneaceae  
At base of tree at edge of intermittent creek.



1  
20468. Amblystegium serpens (Hedw.) Schimp. in B.S.G.  
On moist soil near intermittent creek.

March 19, 2007. Missouri: Newton County. Wildcat Glades.

2.  
20469. Steerecleus serrulatus (Hedw.) Robins.  
On soil along bluff trail. Brachytheciaceae

2  
20470. Hygroamblystegium fluviatile (Hedw.) Loeske  
Amblystegiaceae

4  
20471. Frullania brittoniae Evans  
On shell bark hickory. Jubulaceae

3  
20472. Plagiomnium cuspidatum (Hedw.) T. Kop.  
On soil in woods. Mniaceae

1  
20473.  
~~On rock along bluff trail.~~ On rock along bluff trail.

1  
20474.  
On rock along bluff trail.

- <sup>1</sup>  
20475. Anomodon rostratus (Hedw.) Schimp. Anomontaceae  
At base of oak.
- <sup>2</sup>  
20476. Leskea gracilescens Hedw. Leskeaceae  
On trees.
- <sup>2</sup>  
20477. Anomodon minor (Hedw.) Führr. Anomontaceae  
On soil and tree base.
- <sup>3</sup>  
20478. Frullania inflata Gott. Jubulaceae  
On Celtis and Ulmus.
- <sup>2</sup>  
20479. Amblystegium tenax (Hedw.) Jenn. var. Tenax Amblystegiaceae  
On rocks in creek.
- <sup>2</sup>  
20480 Amblystegium varium (Hedw.) Lindb. Amblystegiaceae  
On moist soil in woods.
- <sup>2</sup>  
20481. Plagiomnium ciliare (C. Müll.) T. Kop. Mniaceae  
On soil near creek.
- <sup>5</sup>  
20482. Reboulia hemisphaerica (L.) Raddi. Ayttoniaceae  
On soil below overhang.
- <sup>1</sup>  
20483. Taxiphyllum taxirameum (Mitt.) Fleisch. Hypnaceae  
On rocks.



- 3  
20484. Physcomitrium pyriforme (Hedw.) Hampe  
On soil of disturbed site. Funariaceae
- 1  
20485. Frullania riparia Hampe Tubulaceae  
On rocks.
- 1  
20486. Porella pinnata L. Tubulaceae  
On roots in creek.
- 6  
20487. Amblystegium tenax (Hedw.) Jenn. var. tenax  
On wet rocks in runoff. Amblystegiaceae
- 1  
20488. Narcissus pseudo-narcissus L. Amaryllidaceae  
In woods along river. Daffodil
- 2  
20489. Erythronium albidum Nutt.  
In low woods near Shoal Creek. White Fawn Lily
- 1  
20490. Cardamine concatenata (Michx.) O. S. Schwarz  
Low woods and bluff slope. Brassicaceae
- 2  
20491. Low woods along Shoal Creek. Plantaginaceae
- 1  
20492. Crevice of limestone rock.



20493.

Low woods along Shoal Creek.

Caryophyllaceae

20494. Enemion biternatum Raf. Ranunculaceae

Low woods along Shoal Creek. False Rue-Anemone

March 20, 2007. Missouri: Newton County. Bicentennial Conservation Area.

20495. Bryum argenteum Hedw. Bryaceae

On soil at edge of trail.

20496. Leucodon julaceus (Hedw.) Sull. Leucodontaceae

On log.

20497. Platygyrium repens (Brid.) Schimp. in B.S.G. Hypnaceae

On logs.

20498. Entodon seductrix (Hedw.) C. Müll. Entodontaceae

On logs.

20499. Leskea gracilescens Hedw.

On rocks among grasses.

20500. Frullania eboracensis Gott.

Tubulaceae

On rotting limb.

- <sup>2</sup>  
20501. Platygyrium repens (Brid.) Schimp. in B.S.G.  
On logs. Hypnaceae
- <sup>3</sup>  
20502. Leskea gracilescens Hedw. Leskeaceae  
On tree trunk.
- <sup>3</sup>  
20503. Fabronia ciliaris (Brid.) Brid.  
On tree trunk.
- <sup>4</sup>  
20504. Thelia asprella Sull. in Sull. & Lesq.  
At base of cedar. Theliaceae
- <sup>3</sup>  
20505. Orthotrichum pumilum Sw. Orthotrichaceae  
On bark of Quercus.
- <sup>1</sup>  
20506. Frullania inflata Gott. Tubulaceae  
On Quercus with 20505.
- <sup>3</sup>  
20507. Leskea gracilescens Hedw. Leskeaceae  
On Quercus with 20506.
- <sup>4</sup>  
20508. Leucodon julaceus (Hedw.) Sull. Leucodontaceae  
On logs.
- <sup>3</sup>  
20509
- Lichen



<sup>1</sup>  
20510. Frullania eboracensis Gott. Tubulaceae  
On logs.

<sup>3</sup>  
20511. Pyralisiella selwynii (Kindb.) Crum et al. Hypnaceae  
On logs. Mixed w/20510.

<sup>1</sup>  
20512. Fabronia ciliaris (Brid.) Brid. var. ciliaris Fabroniaceae  
On bark.

<sup>1</sup>  
20513. Drummondia prorepens (Hedw.) Britt. Orthotrichaceae  
On tree trunk.

<sup>1</sup>  
20514. Frullania ericoides (Nees) Mont. Tubulaceae  
On bark. Mixed w/20507.

<sup>1</sup>  
20515. Weissia controversa Hedw. Pottiaceae  
On soil at edge of paved trail.

<sup>1</sup>  
20516. Syntrichia pagorum (Milde) Aman Pottiaceae  
On trees.

<sup>3</sup>  
20517. Bryum pseudotriguetrum (Hedw.) Gaertn., Meyer & Scherb. Bryaceae  
On rock of seepage area.

<sup>2</sup>  
20518. Orthotrichum pusillum Mitt. Orthotrichaceae  
On Quercus sp.



20519. Physcomitrium pyriforme (Hedw.) Hampe  
On soil. Mixed w/ w. controversa. Funariaceae

20520. Anomodon minor (Hedw.) Fűrnr.  
on tree trunk. Anomontaceae

March 25, 2007. Missouri: Newton County. Wildcat  
Park - glade near tunnel.

20521. Bryum pseudotriquetrum (Hedw.) Gaertn., Meyer &  
On wet rocks. Bryaceae Scherb.

20522. Orthotrichum strangulatum P. Beauv. f. strangulatum  
On concrete retaining wall. Orthotrichaceae

20523. Entodon seductrix (Hedw.) C. Müll. Entodontaceae  
On moist rock ledges.

March 26, 2007. Missouri: Newton County. City Park.

20524. Porella platyphylla (L.) Raddi.  
On rock outcrop in park. Porellaceae

March 27, 2007. Kansas: Cherokee County.  
Schermerhorn Park area.

- <sup>2</sup>  
20525. Weissia controversa Hedw. Pottiaceae  
On soil over rock.
- <sup>1</sup>  
20526. Frullania brittoniae Evans Jubulaceae  
On Quercus sp.
- <sup>2</sup>  
20527. Amblystegium tenax (Hedw.) Jenn. var. tenax  
On wet rocks. Amblystegiaceae
- <sup>1</sup>  
20528. Frullania ericoides (Nees) Mont. Jubulaceae  
On Hickory. Mixed w/ Lestea.
- <sup>2</sup>  
20529. Physcomitrium pyriforme (Hedw.) Hampe  
On soil in open areas. Funariaceae
- <sup>1</sup>  
20530. Syntrichia pagorum (Milde) Aman Pottiaceae  
On trees. Mixed w/ Fabronia ciliaris.
- <sup>1</sup>  
20531. Fabronia ciliaris (Brid.) Brid. var. ciliaris  
On Quercus spp. Fabroniaceae
- <sup>2</sup>  
20532. Reboulia hemisphaerica (L.) Radd. Aytoniaceae  
On rock ledges.



<sup>3</sup>  
20533. Platygyrium repens (Brid.) Schimp. in B.S.G.  
On logs. Hypnaceae

Missouri:  
March 27, 2007. Newton County. Wildcat Park

<sup>2</sup>  
20534. Amelanchier arborea Rosaceae  
On chert glade. June Berry, Service Berry

<sup>2</sup>  
20535. Cheilanthes lanosa (Michx.) D.C. Eaton  
Crevices of rock outcrops. Pteridaceae

<sup>1</sup>  
20536

<sup>2</sup>  
20537. Selenia aurea Nutt. Brassicaceae  
Over on soil over chert rock. Selenia

<sup>2</sup>  
20538. Erythronium albidum Nutt. Liliaceae  
Bottomland forest along Shoal Creek. White Trout Lily

<sup>1</sup>  
20539. Glechoma hederacea L. Lamiaceae  
Bottomland forest along Shoal Creek. Gill-Over-The-Ground



- <sup>2</sup>  
20540. Lindera benzoin (L.) Blume Lauraceae  
Bottomland woods along stream. Spice Bush
- <sup>1</sup>  
20541. Erythronium rostratum C.B. Wolf Liliaceae  
Bottomland forest along Shoal Creek. Yellow Trout Lily
- <sup>2</sup>  
20542. Phlox divaricata L. Polemoniaceae  
Bottomland forest along Shoal Creek. Wild Sweet William
- <sup>2</sup>  
20543. Ulmus alata Michaux Ulmaceae  
At edge of chert glade. Winged Elm
20544. Trillium sessile L. Trilliaceae  
Bottomland forest along Shoal Creek. Wake Robin
- <sup>1</sup>  
20545. Anemone thalictroides (L.) Spach Ranunculaceae  
Bottomland forest along Shoal Creek. Rue Anemone
- <sup>2</sup>  
20546. Bottomland forest along Shoal Creek.
- <sup>1</sup>  
20547. Ranunculus fascicularis Muhl. ex Bigel. Ranunculaceae  
Thin soil over chert rock.
- <sup>2</sup>  
20548. Cenastium fontanum ssp. vulgare (Hartman) Greuter & Burdet  
Bottomland forest along Shoal Creek. Caryophyllaceae

<sup>2</sup>  
20549. Buglossoides arvensis (L.) I.M. Johnst.  
Thin soil over chert rock of glades. Boraginaceae

<sup>1</sup>  
20550. Hedyotis caerulea (L.) Hook. Rubiaceae  
On thin soil over chert rock of glades. Blueets

<sup>1</sup>  
20551. Muscari botryoides (L.) Mill. Liliaceae  
On shade soil over chert rock of glades. Grape Hyacinth

<sup>1</sup>  
20552. Cercis canadensis L. var. canadensis Fabaceae  
Margin of chert glade.

<sup>1</sup>  
20553. Rhus aromatica Aiton var. aromatica Anacardiaceae  
Rocky woods at top of bluff. Aromatic Sumac

<sup>1</sup>  
20554. Quercus shumardii Buckley Fagaceae  
Upland rocky woods at edge of glade. Shumard Oak

<sup>2</sup>  
20555. Stellaria media (L.) Vill. Caryophyllaceae  
Bottomland forest along Shoal Creek. Common Chickweed.

<sup>1</sup>  
20556. Asarum canadense L. Aristolochiaceae  
Bottomland forest along Shoal Creek. Wild Ginger

<sup>2</sup>  
20557. Juglans nigra L. Juglandaceae  
Edge of Silver Creek Glade. Black Walnut



<sup>1</sup>  
20558. Carya tomentosa (Poiret) Nutt. Juglandaceae  
Rocky woods above chert glade. Mockernut Hickory

<sup>2</sup>  
20559. Prunus serotina Ehrh. Rosaceae  
Upland woods at edge of glade. Black Cherry

<sup>1</sup>  
20560. Boechera missouriensis (Greene) Al-Shenhbaz  
On soil over chert rock of glade. Rock Cress

<sup>1</sup>  
20561. Celtis occidentalis L. Celtidaceae  
Bottomland forest. Hackberry

March 28, 2007. Kansas. Cherokee County. Spring River  
Wildlife Area. Old field - fallow

<sup>2</sup>  
20562. Cerastium brachypodum (Engelm. ex A. Gray)  
Old field. Short-stalked Mouse Ear Chickweed / B.L. Rob

<sup>1</sup>  
20563. Myosurus minimus L. Ranunculaceae  
Old field. Mousetail

<sup>1</sup>  
20564. Cardamine parviflora var. arenicola (Britt.)  
Fallow field Bittercress O.E. Schulz



April 2, 2007. Missouri: Newton County. Ca. 1.3 miles east of highway CC and ca. 1.1 miles north of highway 60. Woods just north of old highway 60 (Norway Road).

1  
20565. Pedicularis canadensis L. Plantaginaceae  
Rocky woods. Lousewort

2  
20566. Quercus marilandica Muenchh. Fagaceae  
Rocky mesic woods. Black Jack Oak

2  
20567. Antennaria parlinii ssp. fallax (Greene) R. J.  
Rocky open woods. Asteraceae Bayer & Stebbins

1  
20568. Prunus serotina Ehrh. Rosaceae Black Cherry  
Open rocky woods.

2  
20569. Quercus shumardii Buckley Fagaceae  
Rocky woods. Shumard Oak

1  
20570. Elaeagnus angustifolia L. Elaeagnaceae  
Edge of rocky woods. Russian Olive

1  
20571. Sassafras albidum (Nutt.) Nees Lauraceae  
Margin of rocky woods. White Sassafras

<sup>1</sup>  
20572. Fragaria virginiana Mill. Rosaceae  
Open rocky woods. Wild Strawberry

<sup>1</sup>  
20573. Viola pedata L. Violaceae  
Open rocky woods. Bird's-Foot Violet

<sup>2</sup>  
20574. Ribes odoratum H. Wendl. Grossulariaceae  
margin of woods. Clove Currant, Buffalo Currant

April 2, 2007. Missouri: Newton County. Wildcat Park.

<sup>1</sup>  
20575. Antennaria parlinii ssp. fallax (Greene) R. J. Bayer & Stebbins  
Rocky open woods. Asteraceae

<sup>1</sup>  
20576. Lepidium virginicum L. Brassicaceae  
Rocky open area near woods. Pepper Grass

<sup>2</sup>  
20577. Cardamine pennsylvanica Muhl. ex Willd.  
Disturbed ground near chert glade. Brassicaceae

<sup>1</sup>  
20578. Capsella bursa-pastoris (L.) Medik. Brassicaceae  
Disturbed ground. Shepherd's Purse



- <sup>2</sup>  
20579. Prunus hortulana Bailey Rosaceae  
Edge of woods along fence row.

April 3, 2007. KS: Cherokee County. Spring River  
Wildlife Area.

- <sup>4</sup>  
20580. Crataegus mollis (Torrey & A. Gray) Schreel  
Open area along intermittent stream, rocky area. Rosaceae

- <sup>2</sup>  
20581. Ilex decidua Walter Aquifoliaceae  
Upland woods. Possum Haw

April 4, 2007. MO: Newton County. Bicentennial  
Conservation Area.

- <sup>1</sup>  
20582. Buglossoides arvensis (L.) I.M. Johnston. Boraginaceae  
Disturbed ground adjacent to parking lot.

- <sup>1</sup>  
20583 Lepidium campestre (L.) R.Br. Brassicaceae  
Disturbed ground adjacent to parking lot.



2

20584. Lithospermum incisum Lehm. Boraginaceae  
Along roadside near entrance. Fringed Puccoon

April 5, 2007. MO: Newton County. Big Spring Park in Neosho.

20585. Ranunculus recurvatus Poir. Ranunculaceae  
Base of bluff.

20586. Ranunculus abortivus L. var. abortivus  
On ledge at spring mouth. Ranunculaceae

20587.  
On ledge at spring mouth.

20588. Iris pseudacorus L. Iridaceae  
Along spring stream. Yellow Iris

20589. Ilex  
Next to spring stream. Aquifoliaceae

20590. Cymbalaria muralis Goertn. Scrophulariaceae  
Growing from crevices of rock wall. Kenilworth Ivy

April 6, 2007. ~~MO~~ MO: Newton County. Wildcat Park.

<sup>2</sup>

20591. Enemion binternatum Raf. Ranunculaceae  
Bottomland forest near rock outcrops.

April 8, 2007. Kansas: Cherokee County. Spring River  
Wildlife Area. Ca. 0.11 Km west of  
Missouri State Line and ca. 0.3 Km north  
of highway 96.

<sup>3</sup>

20592 Riccia hirta (Aust.) Underw. Ricciaceae  
On soil below grasses of disturbed prairie.

<sup>3</sup> 20592a. Sphaerocarpos texasus

20593. Leucodon julaceus (Hedw.) Sull. Leucodontaceae  
On log in oak/hickory woods.

<sup>25</sup>

20594. Leptodictyum riparium (Hedw.) Warnst. Amblystegiaceae  
On wet rocks in intermittent creek.

<sup>5</sup>

20595. Lophocolea heterophylla (Schard.) Dum. Geocalycaceae  
On soil of ditch bank at edge of woods.

42

20596. Sphaerocarpos texanus Aust. Sphaerocarpaceae  
On soil beneath prairie grasses.

5

20597. Dicranum fulvum Hook. Dicranaceae  
On soil over sandstone in oak/hickory woods. Dicranaceae

2

20598. Leucodon julaceus (Hedw.) Sull. Leucodontaceae  
On log.

3

20599. Frullania ericoides (Nees) Mont. Jubulaceae  
On Juglans nigra at edge of intermittent creek.

1

20600. Frullania ericoides (Nees) Mont. Jubulaceae  
On Quercus at edge of bluff.

88

20601. Aulacomnium heterostichum (Hedw.) Bruch & Schimp.  
On soil at edge of bluff. Aulacomniaceae in B.S.G.

1

20602. Anomodon rostratus (Hedw.) Schimp.  
On ss ledge. Anomontaceae

2

20603. Leskea gracilescens Hedw. Leskeaceae  
On Hackberry along intermittent creek.

2

20604. Schistidium rivulare (Brid.) Podp. Grimmiaceae  
On sandstone above intermittent creek.



- <sup>2</sup>  
20605. Polytrichum piliferum Hedw. Polytrichaceae  
On soil over sandstone along bluff.
- <sup>4</sup>  
20606. Platygyrium repens (Brid.) BSG Hypnaceae  
On log along intermittent creek.
- <sup>2</sup>  
20607. Campylopus talluensis Sull. & Lesq. Dicranaceae  
On overhang of sandstone bluff above intermittent creek.
- <sup>3</sup>  
20608. Bartramia pomiformis Hedw. Bartramiaceae  
On soil over sandstone at edge of bluff above intermittent creek.
- <sup>4</sup>  
20609. Cephalozia connivens (Dicks.) Lindb. Cephalaziaceae  
On soil over sandstone of ledges and vertical rock.
- <sup>6</sup>  
20610. Leucobryum glaucum (Hedw.) Ångstr. in Fries  
On soil in rocky oak/hickory woods. Leucobryaceae
- <sup>4</sup>  
20611. Brachythecium acuminatum (Hedw.) Aust. var. acuminatum  
On soil over sandstone ledges of bluff. Brachytheciaceae
- <sup>2</sup>  
20612. Ditrichum pallidum (Hedw.) Hampe Ditrichaceae  
On soil in open oak/hickory woods.
- <sup>5</sup>  
20613. Steerecleus serrulatus (Hedw.) Robins. Brachytheciaceae  
At base of Quercus stellata.

<sup>1</sup>  
20614 Syntrichia pagorum (Milde.) Aman Pottiaceae  
On Quercus.

20615, Thuidium delicatulum (Hedw.) Schimp.  
On soil in oak/hickory woods. var. delicatulum

<sup>3</sup>  
20616. Plagiomnium ciliare (C. Müll.) T. Kop. Mniaceae  
On soil of sandstone ledges.

<sup>2</sup>  
20617. Entodon seductrix (Hedw.) Müll. Entodontaceae  
On wet rocks in intermittent creek.

<sup>6</sup>  
20618. Atrichum angustatum (Brid.) Bruch & Schimp. in B.S.G. Polytrichaceae  
On soil over surfacing sandstone.

<sup>1</sup>  
20619. Reboulia hemisphaerica (L.) Raddi Aytoniaceae  
On exposed, moist soil.

20620. Asterella tenella (L.) Beauv. Aytoniaceae  
On exposed, moist soil.

<sup>1</sup>  
20621. Weissia controversa Hedw. Pottiaceae  
on soil beneath prairie grasses.

<sup>5</sup>  
20622. Hedwigia ciliata (Hedw.) P. Beauv. Hedwigiaceae  
On surfacing sandstone.



- 6  
20623. Fontinalis missourica Card. Fontinalaceae  
On rocks in intermittent creek.
- 4  
20624. Bryum pseudotriquetrum (Hedw.) Gaertn. et al. Bryaceae  
On moist soil beneath grasses in disturbed prairie depression.
- 2  
20625. Cryphaea glomerata Bruch & Schimp. ex Sull. Cryphaceae  
On base of post oak.
- 2  
20626. Campylium chrysophyllum (Brid.) J. Lange Amblystegiaceae  
On moist soil beneath grasses of disturbed prairie.
- 1  
20627. Leskea gracilescens Hedw. Leskeaceae  
On post oak.
- 20627a. Frullania aboracensis
20628. Entodon seductrix (Hedw.) C. Müll. Entodontaceae  
On base of post oak.
- 3  
20629. Sphaerocarpos texanus Aust. Sphaerocarpaceae  
On soil of fallow field.
- 1  
20630 Physcomitrium pyriforme (Hedw.) Hampe Funariaceae  
On soil of fallow field. Mixed with Sphaerocarpos texanus.



<sup>1</sup>  
20631. Bryum bicolor Dicks.  
On soil of fallow field.

<sup>8</sup>  
20632 Polytrichum juniperinum Hedw. Polytrichaceae  
On soil in oak/hickory woods.

20633. Bryum bicolor Dicks.  
On soil of fallow field.

20634.  
On soil of fallow field.

20634a.

April 16, 2007. Kansas: Cherokee County. Schermerhorn Park.

<sup>4</sup>  
20635. Orthotrichum pusillum Mitt. Orthotrichaceae  
On trunk of Ulmus sp. in floodplain woods.

<sup>3</sup>  
20636. Bryum argenteum Hedw. Bryaceae On disturbed soil.

<sup>2</sup>  
20637. Platygyrium repens (Brid.) Schimp in BSG Hymenaceae  
On logs.

<sup>1</sup>  
20638. Leskea gracilescens Hedw. Leskeaceae  
On tree trunks.

<sup>3</sup> 20639. Polytrichum juniperinum Hedw. Polytrichaceae  
On soil over rock in Oak/Hickory woods.

<sup>4</sup>  
20640. Amblystegium varium (Hedw.) Lindb. Amblystegiaceae  
On rocks in intermittent stream.

<sup>1</sup>  
20641. Weissia controversa Hedw. Pottiaceae  
On disturbed soil.

<sup>2</sup>  
20642. Plagiomnium cuspidatum (Hedw.) T. Kop. Mniaceae  
On soil along streams.

<sup>1</sup>  
20643. Lemna minor L. Lemnaceae  
Floating in pools in bottomland forest.

<sup>14</sup>  
20644. Orthotrichum strangulatum P. Beauv. f. Strangulatum  
On concrete wall along trail to cave. Orthotrichaceae

<sup>2</sup>  
20645. Pyloisiella selwynii (Kindb.) Crum, Steere & Anders.  
On trunk of Quercus stellata. Hypnaceae

<sup>2</sup>  
20646. Leskea gracilescens Hedw. Leskeaceae  
At base of Quercus.



<sup>1</sup> 20647. Amblystegium varium (Hedw.) Lindb.

On rock in lowland woods.

Amblystegiaceae

<sup>3</sup> 20648. Anomodon minor (Hedw.) Fourn.

Anomontaceae

On Quercus.

<sup>4</sup> 20649 Orthotrichum strangulatum P. Beauv. f. strangulatum

On limestone boulders in oak/hickory. Orthotrichaceae

<sup>5</sup> 20650 Sematophyllum adnatum (Michx.) Britt.

On decaying log.

<sup>5</sup> 20651. Thelia lescurei Sull. in Sull. & Lesq. Theliaceae

On nearly bare soil of open oak/hickory woods.

<sup>5</sup> 20652. Ditrichum pallidum (Hedw.) Hampe Ditrichaceae

On soil of open oak/hickory woods.

<sup>3</sup> 20653. Brachythecium laetum (Brid.) B.S.G. Brachytheciaceae

On disturbed soil of picnic area.

<sup>1</sup> 20654. Leskea gracilescens Hedw. Leskeaceae

On log in oak/hickory woods.

<sup>2</sup> 20655. Frullania inflata Gott.

Tubulaceae

On ulmus & along Shoal Creek.



- <sup>4</sup> 20656. Brachythecium acuminatum (Hedw.) Aust. var.  
On soil at tree base. acuminatum
- <sup>2</sup> 20657. Campylium hispidulum (Brid.) Mitt. Amblystegiaceae  
On soil in oak/hickory woods.
- <sup>1</sup> 20658. Lophocolea heterophylla (Schrad.) Dum. Geocalycaceae  
On soil of bank of drainage ditch.
- <sup>2</sup> 20659. Plagiomnium cuspidatum (Hedw.) T. Kop. Mniaceae  
On soil in woods.
- <sup>5</sup> 20660. Eurhynchium hians (Hedw.) Sande-Lac.  
On soil.
- <sup>2</sup> 20661.  
On soil in open oak/hickory woods.
- <sup>3</sup> 20662. Dicranum
- <sup>4</sup> 20663. Fissidens taxifolius Hedw. Fissidentaceae  
On soil at base of bluff

April 23, 2007. MO: Newton County. Wildcat Park.

- <sup>3</sup>  
20664. Viburnum rufidulum Raf. Caprifoliaceae  
NCR On open glade. Rusty Blackhaw
- <sup>2</sup>  
20665. Euonymus alatus (Thunb.) Sieb. Celastraceae  
Bottomland woods. Winged Euonymus
- <sup>3</sup>  
20666. Polemonium reptans L. Polemoniaceae  
Bottomland ~~E~~ woods. Jacob's Ladder
- <sup>3</sup>  
20667. Phacelia hirsuta Nutt. Hydrophyllaceae  
Low woods and glades.
- <sup>4</sup>  
20668. Packera obovata (Muhl. ex Willd.) W. A. Weber & A. Löve  
Bottomland woods and along streams. Asteraceae
- <sup>1</sup>  
20669. Galium Rubiaceae  
Bottomland woods.
- <sup>1</sup>  
20670. Bottomland woods.



- 2  
20671. Ranunculus Ranunculaceae  
Lowland woods at base of bluff.
- 2  
20672. Morus Moraceae  
Bottomland woods.
- 2  
20673. Potentilla simplex Rosaceae  
Grassy covered glade.
- 2  
20674. Viola pedata Violaceae  
Dry rocky oak/hickory woods.
- 2  
20675. Erigeron Asteraceae  
In woods at base of bluff.
- 2  
20676. Achillea millefolium Asteraceae  
Disturbed ground at Redding's Mill parking lot.
- 2  
20677. Chaerophyllum Apiaceae  
Low woods and disturbed ground.
- 2  
20678. Osmorhiza claytoni (Michx.) Clark Apiaceae  
Bottomland woods.
- 2  
20679. Delphinium tricornis Ranunculaceae  
Bottomland woods.



- <sup>1</sup>  
20680. Ornithogalum Liliaceae  
Disturbed lowland woods.
- <sup>1</sup>  
20681. Boechera missouriensis (Greene) Al-Shehbaz Brassicaceae  
Chert glade.
- <sup>3</sup>  
20682. Poaceae  
Disturbed ground near nature center.
- <sup>1</sup>  
20683. Galium ap Rubiaceae  
Disturbed ground and lowland woods.
- <sup>1</sup>  
20684. Valerianella  
Disturbed ground of glade.
- <sup>2</sup>  
20685. Minuartia patula (Michx.) Mattf. Caryophyllaceae  
On thin soil over chert.
- <sup>1</sup>  
20686. Collinsia Scrophulariaceae  
Thin soil over chert.
- <sup>2</sup>  
20687. Prunus Rosaceae  
Woods at base of bluff.
- <sup>2</sup>  
20688. Pachera aurea (L.) Á. Löve & D. Löve Asteraceae  
Along stream side in lowland woods.

May 5, 2007. MO: Newton County. Wildcat Park.

<sup>2</sup>  
20689. Viburnum

In lowland woods.

<sup>2</sup>  
20690. Ranunculus

Open area near Redding's Mill bridge.

<sup>1</sup>  
20691. Vicia

Disturbed ground near parking area at Redding's Mill.

<sup>1</sup>  
20692.

Disturbed ground at Redding's Mill parking area.

<sup>1</sup>  
20693.

Lowland disturbed woods.

<sup>1</sup>  
20694. Rumex

Disturbed ground near overpass along trail.

<sup>1</sup>  
20695. Galium

Edge of woods along trail.

May 10, 2007. MO: Newton County, Wildcat Park.

<sup>2</sup>  
20696. Carex

Lowland area near Shoal Creek.

<sup>3</sup>  
20697. Physocarpus  
Lowland woods.

<sup>1</sup>  
20698.  
Lowland woods.

<sup>2</sup>  
20699.  
woods near Redding's Mill parking area.

<sup>2</sup>  
20700.  
Lowland woods.

<sup>1</sup>  
20701.  
Lowland woods.

<sup>1</sup>  
20702. Bromus  
Disturbed open ground.

<sup>1</sup>  
20703. Geranium maculatum  
Lowland woods.



<sup>1</sup>  
20704.

Lowland woods.

<sup>1</sup>  
20705.

Disturbed open ground.

<sup>2</sup>  
20706.

Lowland woods.

<sup>2</sup>  
20707. L.

Lowland woods.

<sup>1</sup>  
20708. Toxicodendron radicans

Disturbed areas.

<sup>1</sup>  
20709.

Rocky woods.

<sup>2</sup>  
20710.

Lowland woods.

<sup>1</sup>  
20711.

Near Silver Creek bridge.

<sup>1</sup>  
20712.

Upland and lowland woods.

<sup>1</sup>  
20713. Rubus  
Lowland woods.

<sup>2</sup>  
20714.  
Crevices of rock outcrops.

<sup>1</sup>  
20715. Oxalis  
Lowland woods.

<sup>2</sup>  
20716.  
In shallow still water near Shoal Creek.

<sup>2</sup>  
20717.  
Lowland woods.

<sup>1</sup>  
20718.  
Lowland woods.

<sup>1</sup>  
20719.  
Edge of rocky woods on glade.

<sup>2</sup>  
20720. Carex  
Lowland woods near Shoal Creek.

<sup>2</sup>  
20721.  
Aquatic. In shallow, still water near Shoal Creek.

2

20722.

Lowland woods.

2

20723. Carex~~Kia~~ Along trail on glade.

2

20724. Carex

Lowland woods near Shoal Creek.

1

20725. Chaerophyllum

Lowland woods.

2

20726. Euonymus

Disturbed areas.

2

20727. Acer

Woods near Shoal Creek.

2

20728. Carex

Lowland ground near Shoal Creek.



May 11, 2007. KS: Cherokee County. Spring River  
Wildlife Area.

20729.

20730.

20731.

20732

20733.

May 12, 2007. MO: Newton County, Wildcat Park.

2

20734. *Gang*

3

20735. Physocarpus

Growing on chert boulders.

1

20736.

Lowland woods.

1

20737.

Open glade.

2

20738. Carex

Rocky woods.

2

20739.

Thin soil over chert.

1

20740.

Lowland woods.

1

20741. Viola

Lowland woods.

2

20742.

Lowland woods.

1

20743. Geranium

Disturbed open areas.

1  
20744. Coreopsis  
Open glade.

1  
20745. Tradescantia  
Edge of woods along River Trail.

1  
20746. Ranunculus  
Open area along paved trail.

1  
20747. Galium  
Open area along paved trail.

1  
20748.  
Lowland woods.

2  
20749. Ranunculus  
At edge of water near spring.

1  
20750.  
Disturbed ground.

1  
20751. Asparagus  
Disturbed ground near bridge.

2  
20752. Carex  
Lowland woods near Shoal Creek.



2

20753.

Disturbed ground.

2

20754.

Thin soil over chert of glade.

2

20755. Bromus

Disturbed area at edge of woods along trail.

2

20756.

Parking area at Redding's Mill.

1

20757.

Lowland woods.

1

20758. Plantago

Thin soil over chert of glade.

1

20759.

Thin soil over chert of glade.

2

20760.

Thin soil over chert of glade.

3

20761

Thin soil over chert of glade.

2

20762. Cumassia

Thin soil over chert of glade.

2

20763.

Thin soil over chert of glade.

Asteraceae

1

20764. Selenia

On soil over chert.

Brassicaceae

Fruit

1

20765.

On soil over chert.

20765a.

20766. Amsonia

Wet area of glade.

2

20767

Thin soil over chert of glade.

2

20768.

Grassy area at edge of woods of glade.

1

20769. Oenothera

Thin soil over chert of glade.

2

20770. Rumex

Thin soil over chert at edge of woods.

20771. Carya  
Oak/Hickory woods.

May 13, 2007. MO: Barry County. Raring River  
State Park.

20772.  
Rocky wood slope along River Trail.

20773.  
Along River Trail.

20774.  
Crevice of sandstone of River Trail.

20775.  
Disturbed area near parking lot of River Trail.

20776.  
Slope of oak/hickory woods along River Trail.

May 14, 2007. KS: Cherokee County. Spring River  
Wildlife Area.

20777.

on wet soil  
over sandstone.



May 16, 2007. MO: Newton County, Wildcat Park.

20778.

Lowland woods along Shoal Creek.

2

20779. Asimina

Along Shoal Creek.

1

20780. Salix

Near Shoal Creek in open area.

2

20781.

Along Shoal Creek.

2

20782.

Near Redding's Mill parking area.

2

20783.

In water near Shoal Creek.

1

20784. Daucus carota

Disturbed ground near Redding's Mill parking area.

1

20785.

Disturbed area along trails.

2

20786. Smilax

Throughout woods.

1

20788.

Lowland woods.

1

20789.

Lowland woods.

1

20790. Campsis

Lowland woods.

2

20791.

Lowland woods.

1

20792.

Lowland woods.

2

20793.

Lowland woods.

1

20794.

Lowland woods.

2

20795. Erigeron

Disturbed ground of Redding's Min parking area.

1  
20796. Ruellia  
Lowland woods.

1  
20797.  
Open woods.

1  
20798.  
Near Silver Creek in woods.

1  
20799. Trifolium  
Ditch near Silver Creek.

May 17, 2007. MO:  
Km west/southwest of Mt. Vernon.

Ca. 0.7

1  
20780. Salvia  
Roadside field.

May 18, 2007. KS: Cowley County. Just east of  
Cowley County State Fishing Lake.

2.  
20781. Penstemon  
Rocky prairie.



September 10, 2006. Missouri: Wildcat Park.

<sup>3</sup> 20782. Symphytichum  
Low woods.

<sup>2</sup> 20783. Solidago  
At edge of wood on glade.

<sup>2</sup> 20784.  
Open area above glade at Silver Creek.

<sup>1</sup> 20785. Poaceae

<sup>1</sup> 20786. Asteraceae  
Low woods.

<sup>1</sup> 20787. Asteraceae  
Open rocky woods.

<sup>1</sup> 20788. Poaceae  
Low woods.

<sup>1</sup> 20789. Convolvulaceae  
Disturbed area near bridge.

1  
20790. Commelina

Low woods.

Commelinaceae

May 27, 2007. Missouri: Howell County, Ca. 3.0 miles west of Caulfield off highway 160. Limestone outcrops and woods.

2  
20791.

Edge of woods and glade.

2  
20792. Cotinus

Edge of woods and glade.

1  
20793.

Roadside ditch.

Apiaceae

1  
20794.

On limestone outcrops.

Lamiaceae

2  
20795. Matelea

Edge of woods.

1  
20796.

Edge of woods.

May 29, 2007. Alabama: mobile County. Dauphin Island.  
Shell Mounds.

2  
20797. Typha angustifolia

Typhaceae

low open area that holds water in winter and spring.

2.  
20798

Open disturbed site near parking area.

2  
20799.

Open disturbed site.

2  
20800.

Upland woods.

1  
20801.

Upland woods.

June 1, 2007. Alabama: Mobile County. Dauphin Island.

1  
20802.

Along bike trail.

Oleaceae



1  
20803. Rumex

Near lake in Audubon sanctuary.

2  
20804.

Saw Palmetto flatwoods in Audubon sanctuary.

2  
20805.

Along trail in Audubon sanctuary.

1  
20806. Amaranthus

Disturbed ground near entrance to Audubon sanctuary.

1  
20807.

Disturbed ground near shell mounds.

1  
20808. Sabatia

Ditch at edge of woods.

1  
20809. Verbena

Roadside - Bienville Blvd.

1  
20810. Verbena

Airport marsh area.

1  
20811.

Disturbed woods south of post office.

1  
20812. Xyris

Along roadside - Bienville Blvd.

Xyridaceae

1  
20813.

Airport marsh area.

1  
20814. Carex

Low area at edge of shell mounds.

2  
20815.

Ditch.

1  
20816.

Ditch with standing water.

1  
20817. Hydrocotyl

Moist ditch.

2  
20818. Sapium

Audubon Bird Sanctuary.

1  
20819.

Audubon Bird Sanctuary.

1  
20820. Batis

Salt panne at Airport marsh.

1  
20821.

Audubon Bird Sanctuary

Asteraceae

1  
20822. Salicornia

Salt panne at Airport marsh.

1  
20823.

Audubon Bird Sanctuary.

1  
20824.

Audubon Bird Sanctuary.

Convolvulaceae

1  
20825.

Open wood near swamp at Audubon Bird Sanctuary.

1  
20826.

Ditch at corner of Bienville Blvd. and Audubon St.

2  
20827.

Open area of roadside along Bienville Blvd.

Fabaceae

2  
20828. Spiranthes

Below House #4 at Dauphin Island Sea Lab.

1  
20829. Scutellaria

Roadside along Bienville Blvd.

Lamiaceae



1  
20830. Magnolia virginica

Wooded areas along Bienville Blvd.

2  
20831. Erigeron

Along roadside of Bienville Blvd.

1  
20832.

Along Bienville Blvd.

2  
20833. Linum

Roadside along Bienville Blvd.

1  
20834

Along Bienville Blvd.

1  
20835. Passiflora

Growing over vegetation along Bienville Blvd.

June 3, 2007. Alabama: Mobile County. Road to Point Aux Pins.

2  
20836.

Moist area of savanna.

1  
20837. Scutellaria

Edge of savanna.

1  
20838. Hypericum

Edge of savanna.

1  
20839. Polygala

Savanna.

1  
20840.

Along roadside at edge of savanna.

1  
20841. Sarracenia

Savanna.

1  
20842.

Savanna.

1  
20843. Polygala

Savanna.

2  
20844.

Savanna.

Orchidaceae

1  
20845. Sagittaria

Wet ditch in savanna.

1  
20846. Nymphaea  
Stagnant pool.

1  
20847.  
In pine woods.

1  
20848.  
Savanna.

1  
20849. Hypericum  
Edge of pool in pine/deciduous woods.

2  
June 3, 2007. Alabama: Mobile County. West of  
highway along

2  
20850.

June 4, 2007. Alabama: Mobile County. Dauphin Island.

1  
20851.  
Roadside along Bienville, Blvd.



2

20852.

Lamiaceae

Roadside ditch along Audubon St.

1

20853.

Roadside along Bienville Blvd.

June 4, 2007. Alabama: Mobile County. Audubon Bird  
Sanctuary.

1

20854. Penicum

Sandy area of back dunes.

1

20855.

Along trail in woods.

Annonaceae

1

20856.

Edge of dunes.

1

20857.

Apiaceae

Edge of road at entrance to Audubon Bird Sanctuary.

1

20858.

Along trail in woods.

June 8, 2007. AL:  
Gorge.

"Liverwort"

<sup>3</sup>  
20859. Fissidens

On clay wall of gorge.

<sup>2</sup>  
20860.

20861. Anthoceros

on clay soil at base of gorge.

20862.

On clay soil at base of gorge.

<sup>3</sup>  
20863. Peltia epiphylla (L.) Lindb.  
On clay walls of gorge.

<sup>3</sup>  
20864. ~~Peltia~~ Scapania nemorea  
On clay soil of gorge wall.

20865. Pellia

On <sup>sandy</sup> clay soil of gorge wall.

<sup>1</sup>  
20866. Marchantia

20867. Amblystegium tenax (Hedw.) C. Jens.  
Growing over Pellia

<sup>2</sup>20868. Scapania undulata (L.) Dum.  
On sandy soil at base of gorge.

<sup>2</sup>20869. Fissidens bushii (Card. & Thér.) Card. & Thér.  
On soil of gorge wall.

20870.  
On soil of gorge wall.

20871. Leucolejeunea  
On bark of maple.

20872.  
On tree trunks.

20873. Sematophyllum demissum (Wils.) Mitt.  
On rocks and soil along stream side.

20874.  
On rocks and soil along streamside.

<sup>4</sup>20875. Riccardia palmata (Hedw.) Carruth.  
On rotting log in stream of gorge.



20876. Pallavicinia lyellii (Hook.) Gray  
On soil of gorge wall.

20877. Frullania  
On Acer sp. at gorge rim.

20878. Anomodon  
At base of tree near logging road.

2  
20879. Calypogeia fissa (L.) Raddi  
On soil of gorge wall.

20880. Pogonatum  
On soil along stream in gorge.

20881.  
On palm leaves (Rhapidophyllum hystrix)

Ju 9, 2007. Alabama: Mobile County. Dauphin  
Island. Audubon Bird Sanctuary and island.

1  
20882. Rhynchospia  
At entrance to boardwalk trail.

<sup>1</sup>  
20883.

Ditch along trail of boardwalk.

<sup>1</sup>  
20884.

Along trail near freshwater lake.

<sup>1</sup>  
20885.

Edge of bay on north side of island.

<sup>2</sup>  
20886.

Edge of bay on north side of island.

<sup>1</sup>  
20887.

Edge of bay on north side of island.

<sup>2</sup>  
20888. Paspalum urvillei

Audubon trail near freshwater lake.

<sup>2</sup>  
20889. Licana michauxii Prance

Rosaceae

Along trail near lake.

<sup>1</sup>  
20900.

Along Audubon trail west of lake.

<sup>2</sup>  
20901.

Along ditch ~~4~~ of Audubon Street.

<sup>2</sup>  
20902.

Edge of marsh at airport.

<sup>1</sup>  
20903. Centella

Apiaceae

Common throughout west side of Audubon Bird Sanctuary.

<sup>1</sup>  
20904. Eriocaulon

Along ditch of Audubon Street.

<sup>1</sup>  
20905.

Along ditch of Beinville Blvd.

<sup>1</sup>  
20906. Woodwardia virginica (L.) Smith

Polypodiaceae

Woods near entrance to Audubon Bird Sanctuary.

<sup>2</sup>  
20907.

Pine woods along bike/walking path.

<sup>1</sup>  
June 11, 2007. Alabama:  
Gorge.

"Liverwort"

<sup>3</sup>  
20908. Fagus grandiflora Ehrh.

Fagaceae

Along gorge stream.



~~20910.~~

20909

Along gorge wall.

20910.

Along gorge wall.

20911. Adiantum capillus-veneris L.

Along gorge wall.

20912.

Along gorge wall.

20913.

Along gorge wall.

20914.

Along gorge wall.

20915.

Along gorge wall.

20915a.

Climbing over vegetation.

June 12, 2007. Alabama: Mobile County. Dauphin Island.

20916.

Climbing over vegetation at Goat Trees.

20917. Ruellia

On disturbed ground at edge of Coat Trees.

20918. Polygonum

Ditch along boardwalk at Audubon Bird Sanctuary.

20919.

Edge of bay on north side of island.

20920.

Edge of bay on north side of island.

20921.

Edge of freshwater lake at Audubon Bird Sanctuary.

<sup>1</sup> 20923. Sporobolus indicus (L.) R.Br.

Poaceae

Audubon Bird Sanctuary.

<sup>1</sup> 20924.

Growing on fence near Dauphin Island campground.

<sup>2</sup> 20925

Between campground and sea lab.

June 16, 2007. Florida: ~~Travis~~ County.  
Spring fed Lake.

20926. Porella pinnata Porellaceae  
Abundant on base of bald cypress and cypress knees.

June 16, 2007. Florida: Bay County. St. Andrew's State  
Park. Along trail on west side of small lake.

20927.  
On sandy soil in scrub oak woods.

20928.  
On sandy soil in scrub oak woods.

20929.  
On sandy soil of open scrub oak woods.

20930. Cyperus haspan L. Cyperaceae Leafless Sedge  
Open pine woods near St. Andrew's Bay.

20931. Pterocaulon pycnostachyum (Michx.) Ell. Asteraceae  
Open pine woods near St. Andrew's Bay.



June 17, 2007. Florida: Liberty County. Blood Bluff.

20932.

Disturbed soil of parking area.

20933.

Open woods at edge of river.

June 17, 2007. Florida: Liberty County.

20934. Quercus laevis Walt. Fagaceae Turkey Oak  
Open area on sandy soil.

20935.

On sandy soil at lakes edge.

20936. Utricularia subulata L. Lentibulariaceae  
Sandy soil at edge of lake.

20937.

Sandy soil at edge of lake.

June 17, 2007. Florida: Okaloosa County. Exxon Station at Holt.

20938. Smilax

June 19, 2007. Alabama: Mobile County. Dauphin Island.

20939. Amaranthus

Between Galathea and Horizon.

20940. Plucera

Roadside on south side of island.

20941.

Near lake in Audubon Bird Sanctuary.

20942. Desmodium

Edge of woods along Bienville Blvd.

20943.

Edge of woods along Bienville Blvd.

20944.

Ditch along Audubon Street.

20945. Spartina

Salt marsh on north side of island.

20946.

Salt marsh on north side of island.

20947. Cyperus

Salt marsh on north side of island.

20948. Teucrium

Ditch on south side of island.

20949.

Brackish marsh.

20950.

marsh area on south side of island.

20951

On sea lab campus near college dorm.

20952. Ilex

Audubon Bird Sanctuary.



<sup>1</sup>  
20953. Physalis

Edge of Government Cut marsh.

<sup>2</sup>  
20954.

Sandy ground on north side of island.

20955. Bidens pilosa

Disturbed ground on north side of island.

June 19, 2007. Alabama: Mobile County. Bayside Park  
at Alabama Port.

<sup>3</sup>  
20956. Spartina

Edge of brackish marsh.

June 19, 2007. Alabama: Mobile County. Road (Sea Lab  
Road) leading to Point Aux Pines.

<sup>1</sup>  
20957. Rhexia  
Savanna.

<sup>1</sup>  
20958.  
Savanna.

<sup>1</sup> 20959. Sagittaria

Standing water in savanna.

<sup>1</sup> 20960. Rhexia

Savanna.

<sup>1</sup> 20961. Sarracenia

Wet savanna.

<sup>1</sup> 20962. Eriocaulon

Savanna.

20963. Juncus scirpoides Lam.

Wet ditch at margin of savanna.

<sup>1</sup> 20964. Al

<sup>3</sup> 20965. Sphagnum

Wet soil of savanna.

<sup>4</sup> 20966. Sphagnum

Wet depression in pine/deciduous woods.

June 21, 2007. Alabama: Mobile County. Dauphin Island

<sup>2</sup>  
20967. Yucca  
Edge of woods along Bienville Blvd.

<sup>1</sup>  
20968. Celtis  
Shell mounds.

<sup>2</sup>  
20969.  
Shell mounds.

<sup>2</sup>  
20970.  
Sandy roadside on west side of island.

<sup>1</sup>  
20971  
Sandy roadside on west side of island.

<sup>1</sup>  
20972. Cynanchium angustifolium  
Climbing over vegetation at Airport Marsh.

<sup>1</sup>  
20973. Scirpus  
Marsh on north side of island.

20974. Iva frutescens  
Edge of marsh at Airport marsh.



20975.

Sprawling over ground at Airport Marsh.

June 22, 2007. Alabama: Monroe County. Ravine  
at highway 84 and Alabama River just west of  
S30 Claiborne.

<sup>1</sup> 20976. Hydrangea  
Along roadside.

<sup>2</sup> 20977. Woodwardia areolata (L.) Moore Blechnaceae  
Ravine bank.

<sup>1</sup> 20978. Lygodium japonicum (Thunb.) Swartz  
In woods and along ravine bank. Schizaeaceae

<sup>3</sup> 20979.  
Along ravine bank.

<sup>4</sup> 20980. Marchantia  
On soil over rock.

<sup>4</sup> 20981. Dumontiera hirsuta  
On ravine wall.

3  
20982.

On Vitis sp. at edge of ravine.

4  
20983.

On soil of ravine wall.

2  
20984. Fissidens

On ravine wall.

4  
20985.

On ravine wall.

June 22, 2007. Alabama: Baldwin County. Woods  
along Turkey Creek at Highway 59 bridge.  
524

3  
20986. Ham

Edge of woods.

2  
20987.

Edge of woods on sandy soil.

1  
20988.

Edge of woods.

<sup>2</sup>  
20989. Hypericum

June 22, 2007. Alabama: Baldwin County. Highway 59 and Red Hills Creek just north of Latham.

On trunk of Magnolia virginiana.

20990.

August 16, 2007. Missouri: Newton Co., Wildcat Glade

<sup>1</sup>  
20991. Morus

<sup>1</sup>  
20992.

<sup>1</sup>  
20993. Ampleopsis



<sup>2</sup>  
20994.

<sup>2</sup>  
20995

<sup>1</sup>  
20996. Desmodium

<sup>1</sup>  
20997. Sorghastrum nutans

Poaceae

<sup>2</sup>  
20998. Croton

<sup>1</sup>  
20999.

<sup>1</sup>  
21000 Aristida

<sup>1</sup>  
21001.

<sup>1</sup>  
21002

21004.

21005. Asclepias

21006. Salix

21007.

21008. Anemone

21009

21010. Polygonum

21011. Polygonum

21012.

<sup>1</sup>  
21013. Panicum

<sup>2</sup>  
21014. Acalypha

<sup>1</sup>  
21015. Commelina

<sup>1</sup>  
21016.

<sup>1</sup>  
21017. Sida

<sup>1</sup>  
21018. Physalis

<sup>1</sup>  
21019. Asparagus

<sup>1</sup>  
21020. Polygonum

<sup>1</sup>  
21021. Passiflora



<sup>1</sup>  
21022. Mimulus

August. 27, 2007. Kansas: Cherokee Co., Schemmerhorn  
Park.

<sup>1</sup>  
21023. Asparagus

<sup>1</sup>  
21024. Acalypha

<sup>1</sup>  
21025. Aristida

<sup>2</sup>  
21026. Passiflora

<sup>1</sup>  
21027. Helinium

<sup>1</sup>  
21028. Cuphea

<sup>1</sup>  
21029. Iridens

21030.

September 1, 2007. Missouri; Newton Co.; Wildcat Glade.

21031.

<sup>2</sup>  
21032. Carya

<sup>2</sup>  
21033.

<sup>1</sup>  
21034.

<sup>1</sup>  
21035. Carya

1  
21036.

1  
21037. Quercus

1  
21038. Carya

2.  
21039.

1.  
21040.

21041.

1  
21042. Agalinis

1  
21043.

21044.



21045. Carex lupulina

21046. Juncus

21047.

21048.

21049.

21050. Carex

21051

21052. Carex

21053.

<sup>1</sup>  
21054. Carex

<sup>2</sup>  
21055.

21056

21057. Taraxacum

<sup>2</sup>  
21058.

<sup>1</sup>  
21059.

<sup>1</sup>  
21060.

<sup>2</sup>  
21061. Solidago

<sup>1</sup>  
21062.

<sup>2</sup>  
21063.

<sup>1</sup>  
21064.

<sup>1</sup>  
21065.

<sup>1</sup>  
21066.

<sup>1</sup>  
21067.

<sup>1</sup>  
21068.

<sup>1</sup>  
21069.

<sup>1</sup>  
21070. Aristida

<sup>1</sup>  
21071.



<sup>2</sup>  
21072. Diodia

<sup>1</sup>  
21073.

<sup>1</sup>  
21074

<sup>1</sup>  
21075.

<sup>1</sup>  
21076

21077.

<sup>1</sup>  
21078. Verbascum

<sup>1</sup>  
21079.

<sup>1</sup>  
21080.

September 2, 2007. Kansas: Cherokee Co.,  
Schemmerhorn Park.

21081.

<sup>1</sup>  
21082. Aristida

<sup>1</sup>  
21083.

<sup>2</sup>  
21084.

<sup>1</sup>  
21085.

<sup>2</sup>  
21086. Solidago

<sup>1</sup>  
21087. Crataegus

<sup>1</sup>  
21088.<sup>1</sup>  
21089<sup>1</sup>  
21090<sup>1</sup>  
21091. Rudbeckia<sup>1</sup>  
21092.<sup>1</sup>  
21093<sup>1</sup>  
21094. Panicum<sup>1</sup>  
21095<sup>2</sup>  
21096. Solidago



<sup>2</sup>  
21097.

<sup>1</sup>  
21098. Euphorbia

<sup>1</sup>  
21099. Vernonia

<sup>1</sup>  
21100. Rumex

<sup>2</sup>  
21101.

<sup>2</sup>  
21102. Polygonum

<sup>2</sup>  
21103. Amaranthus

<sup>2</sup>  
21104.

<sup>1</sup>  
21105. Digitalis

21106.

21107. Helenium

21108. Liatris

September 20, 2007. Missouri: Newton Co., Wildcat Glade

21109.

21110. Carya

~~21~~

21111.

21112. Rumex.

21113. Carya

<sup>1</sup>  
21114. Toxicodendron radicans

<sup>1</sup>  
21115. Liatris aspera

<sup>1</sup>  
21116. Vernonia

<sup>1</sup>  
21117.

<sup>1</sup>  
21118.

<sup>1</sup>  
21119. Juncus

<sup>1</sup>  
21120. Parthenium

<sup>1</sup>  
21121.

<sup>1</sup>  
21122.



1  
21123.

1  
21124.

1  
21125.

1  
21126.

1  
21127.

1  
21128. Bidens

1  
21129.

1  
21130. Lespedeza

1  
21131.

<sup>1</sup>  
21132. Symphotrichum

<sup>1</sup>  
21133.

<sup>1</sup>  
21134. Lobelia cardinalis

<sup>1</sup>  
21135.

<sup>1</sup>  
21136. Helenium

<sup>1</sup>  
21137.

<sup>1</sup>  
21138.

<sup>1</sup>  
21139.

<sup>1</sup>  
21140. Rudbeckia

<sup>1</sup>  
21141.

<sup>1</sup>  
21142.

21143.

<sup>2</sup>  
21144. Solidago

<sup>1</sup>  
21145. Elymus

<sup>2</sup>  
21146.

<sup>1</sup>  
21147. Chasmanthium

<sup>1</sup>  
21148. Verbesina

<sup>1</sup>  
21149. Vernonia



<sup>1</sup>  
21150. Elymus <sup>Setaria</sup>

<sup>1</sup>  
21151. Commelina

<sup>1</sup>  
21152.

<sup>1</sup>  
21153.

<sup>1</sup>  
21154.

<sup>1</sup>  
21155. Euphorbia

<sup>1</sup>  
21156.

<sup>2</sup>  
21157. Eupatorium

<sup>1</sup>  
21159. Hypericum

<sup>1</sup>  
21160. Desmodium

<sup>1</sup>  
21161. Solidago

<sup>2</sup>  
21162. Desmodium

\* May 6, 2004 - Go to page 169 of Vol. 7. Following  
18407A.

Chowan Co., North Carolina

<sup>2</sup>  
21163.

Along roadside - Yopon / Poplar Neck Rd.

<sup>2</sup>  
21164.

Marsh area at Queen's Street and Pembroke Creek.

<sup>1</sup>  
21165. Poster

Marsh area at Queen's St. and Pembroke Creek.

<sup>1</sup>  
21166. Hydrocotyl

Same as 21165.

01

21167. Eryngium

Same as 21165.

3

21168.

Same as 21165

May 20, 2007. MO: Newton Co. Wildcat Glade.

2

21169 Polemium reptans

In low woods.

2

21170.

In low woods.

2

21171. Carex

Wet ditch.

1

21172.

1

21173.

1

21174. Asimina triloba





S. Timmer

This box (labeled <sup>if correctly:</sup> woody plants) contained a mix

of several numbers

around

21166, etc and 21176 in book 8; page 196

and numbers around 21777 .... 21793

His numbering goes from 21176  
21777

and continues 217□□;  
many without any numbers

<sup>2</sup>  
21175. Quercus

~~Asteraceae~~

<sup>1</sup>  
21176 Astragalus

Fabaceae

<sup>1</sup>  
21777. Euphorbia

Euphorbiaceae

<sup>1</sup>  
21778. Asclepias

Apocynaceae

June 6, 2007.

Dauphin Island.

Audubon Trail.

21779.

<sup>1</sup>  
21780. Cyrilla racemiflora

<sup>1</sup>  
21781. Saprum sebiferum



21782.

21783. Viburnum

Caprifoliaceae

21784.

Fabaceae

21785. Cleome

At edge of yard.

21786.

At Airport marsh.

21787.

Woods near dock.

21788.

Audubon Trail.

21789. Panicum anceps

Roadside ditch.

21790. Cladium

At edge of bridge.

1  
21791. Carex  
Swamp of Audubon Trail.

2.  
21792  
Edge of swamp of Audubon Trail.

1  
21793.  
Ditch along B Poaceae

June 30, 2007. MO: Newton Co., Wildcat Glade.

1  
21794.  
Edge of Silver Creek.

1  
21795.  
Drainage area near intermittent creek at glade.

1  
21796. Carex  
Drainage area near intermittent creek at glade.

2  
21797  
Rocky roadside.

September 5, 2007. MO: McDonald Co. Buffalo Creek at  
highway 43.

<sup>2</sup>  
21798. Amaranthus.  
Rocky area along creek.

<sup>2</sup>  
21799. Polygonum  
Rocky area along creek.

<sup>2</sup>  
21800.  
Edge of woods.

<sup>3</sup>  
21801.  
Edge of woods.

September 25, 2007. MO: Newton Co. Wildcat Glade

<sup>1</sup>  
21802. Symphotrichum  
Along trail - Rotary Centennial Trail. Asteraceae

<sup>1</sup>  
21803.  
Along trail near woods. Creek Woods Trail. Poaceae



2

21804. Vitis

In woods off Greek Loop Trail.

Vitaceae

1  
21805. Solidago

Wildcat Chert Glade.

Asteraceae

1  
21806.

Silver Creek Chert Glade.

1  
21807. Symphotrichum

Silver Creek Chert Glade.

Asteraceae

1  
21808.

Silver Creek Chert Glade.

1  
21809 Symphotrichum

Open area on northwest side of Rotary Centennial Trail, Asteraceae

2  
21810

Edge of woods at Wildcat Chert Glade.

1  
21811. Solidago

Along Wildcat Glade Chert trail.

Asteraceae

1  
21812 Symphotrichum

Along Wildcat Glade trail.

2

21813. Symphotrichum

Open area northwest of Rotary Centennial Trail. Asteraceae

1

21814.

Along Bluff Trail.

Asteraceae

1

21815. Solidago

Silver Creek Chert Glade.

Asteraceae

1

21816.

Along Metro Trail northwest of I-44 Overpass.

2

21817. Elephantopus

Near Silver Creek bridge off Metro Trail.

Asteraceae

1

21818.

Wildcat Glade Natural Trail.

Asteraceae

1

21819.

Open area along Wildcat Glade Natural Trail.

Asteraceae

2

21820. Symphotrichum

Along Shoal Creek off Metro Trail.

Asteraceae

3

21821.

Along Bluff Trail in rocky woods.

Asteraceae

21822.

Edge of woods along lower Bluff Trail. Asteraceae

<sup>2</sup>  
21823. Symphotrichum

Edge of woods along upper Bluff Trail. Asteraceae

<sup>1</sup>  
21824. Symphotrichum

Open woods along Wildcat Glade Natural Trail. Asteraceae

<sup>2</sup>  
21825. Spiranthes

Open area along intermittent creek of Wildcat Glade. Orchidaceae

<sup>1</sup>  
21826. Symphotrichum

Open area near Audubon Center. Asteraceae

<sup>1</sup>  
21827. Symphotrichum

Open area near Audubon Center. Asteraceae

<sup>1</sup>  
21828.Open area northwest of <sup>Rotary</sup> Centennial Trail. Asteraceae<sup>1</sup>  
21829. Solidago

Silver Creek Chert Glade. Asteraceae

<sup>2</sup>  
21830. Solidago

Open rocky woods off Woodland Loop. Asteraceae



- <sup>1</sup>  
21831. Solidago  
Disturbed area at edge of woods near ball field. Asteraceae
- <sup>1</sup>  
21832. Lespedeza capitata  
Open area near parking lot of Wildcat Glade Natural Area.  
Fabaceae
- <sup>1</sup>  
21833. Liatris  
Edge of woods at Wildcat Glade Natural Area Asteraceae
- <sup>1</sup>  
21834. Verbesina  
Along Woodland Loop Trail. Asteraceae
- <sup>1</sup>  
21835.  
Open woods along Bluff Trail. Asteraceae
- <sup>1</sup>  
21836. Symphotrichum  
Open area at end of Wildcat Glade Natural Trail. Asteraceae
- <sup>1</sup>  
21837.  
Near Spring along St. John's Creek Trail. Urticaceae
- <sup>2</sup>  
21838.  
Near Spring along St. John's Creek Trail. Urticaceae
21839.  
Near Spring along St. John's Creek Trail. Urticaceae

- <sup>2</sup>  
21840. Muhlenbergia sobolifera (Muhl.) Trin.  
Along upper Bluff Trail. Poaceae

MO:  
October 1, 2007. Barton Co. Prairie State Park.  
Gayfeather Trail.

- <sup>2</sup>  
21841.  
Prairie. Asteraceae

October 8, 2007. MO: Newton Co. Wildcat Glade.

- <sup>1</sup>  
21842. Lobelia siphilitica  
Edge of Shoal Creek off lower Bluff Trail. Campanulaceae

- <sup>1</sup>  
21843. Euthamia gymnospermoides  
Silver Creek Chert Glade. Asteraceae

- <sup>2</sup>  
21844. Agalinis  
At south end of Wildcat Glade Natural Area Trail. Scrophulariaceae

- <sup>1</sup>  
21845.  
Silver Creek Chert Glade. Asteraceae

21846. Symphotrichum  
Off Rotary Centennial Trail. Asteraceae

21847. Spiranthes  
Silver Creek Chert Glade. Orchidaceae

21848.  
Woods of Lower Bluff Trail. Asteraceae

21849. Conilia organoides  
Rocky woods along Wildcat Glade Natural Area Trail. Lamiaceae

April 10, 2008. MO: Barry Co. Roaring River State Park.

21850  
Outcrops along highway F.

April 11, 2008. MO: Newton Co., Wildcat Glade

21851. Asimina  
Along Shoal Creek off St. John's Creek Trail. Annonaceae



21852. Scirpus pendulus Muhl. ex Elliott.  
Edge of Silver Creek Pond. Cyperaceae

21853 Scirpus georgianus R.M. Harper  
off Metro Trail along Shoal Creek. Cyperaceae

21854. Carex  
wet ditch off Glendale Road. Cyperaceae

May 10, 2008. KS: Cherokee Co.  
\_\_\_\_ Road north of Highway 96 ca. 3.5 km west  
of Missouri/Kansas State line.

21855. Carex frankii Kunth  
wet ditch at edge of prairie. Cyperaceae

21856. Cyperus pseudovegetus Steud. var. pseudovegetus  
wet ditch at edge of prairie. Cyperaceae

21857. Carex  
wet ditch at edge of prairie. Cyperaceae

21858. Carex  
Wet ditch at edge of prairie. Cyperaceae

May 11, 2008. KS: Cherokee Co. Schemmerhorn Park

21859.

Edge of woods at base of bluff.

21860. Monarda

Woods on west-facing slope.

Lamiaceae

21861. Carex meadii Dewey

Open rocky woods at edge of bluff.

Cyperaceae

21862. Bromus racemosus L.

Disturbed ground near picknick area.

Poaceae

May 23, 2008. KS: Cherokee Co. Spring River

Wildlife Area.

Disturbed pasture.

2

21863. Elymus smithii (Rydb.) Gould.

Poaceae

July 20, 2008. MO: Dade Co. Along hiway 39

<sup>1</sup>  
21864. Vernonia  
Roadside ditch.

Asteraceae

<sup>1</sup>  
21865. Lycopus  
Roadside wet ditch.

Lamiaceae

<sup>2</sup>  
21866.  
Rocky roadside.

Asteraceae

21867. Prunus  
Fence row along roadside.

Rosaceae

July 21, 2008. MO: Newton Co.

<sup>1</sup>  
21868. Sparganium americanum Nutt.

Sparganiaceae

<sup>1</sup>  
21869. Sabatia  
Roadside.



<sup>1</sup>  
21870. Polygonum  
Wet area

Polygonaceae

<sup>2</sup>  
21871. Solidago  
Roadside.

Asteraceae

September 8, 2008. Mo: Newton Co.

<sup>1</sup>  
21872. Helianthus  
Roadside.

Asteraceae

<sup>1</sup>  
21873. Desmodium  
Roadside.

Fabaceae

<sup>1</sup>  
21874. Symphotrichum  
Roadside

Asteraceae

<sup>1</sup>  
21875.  
Roadside.

Fabaceae

<sup>3</sup>  
21876. Desmodium  
Roadside.

Fabaceae

<sup>1</sup>  
21877. Lespedeza

Fabaceae

September 8, 2008. mo: McDonald Co. Highway 4  
South of highway 43.

1  
21878.

Roadside

Asteraceae

1  
21879. Prenanthes  
Roadside.

Asteraceae

1  
21880. Solidago  
Rocky roadside

Asteraceae

2  
21881. Verbesina  
Roadside

Asteraceae

1  
21882.

Roadside

Asteraceae

September 20, 2008. mo: Newton Co., Wildcat Glade.

1  
21883. Lobelia cardinalis

Near spring along St. John's River Trail: Campanulaceae

<sup>2</sup>21884. Symphotrichum

Open area of glade off Wildcat Glade Natural Area trail. Asteraceae

<sup>1</sup>

21885.

Silver Creek Chert Glade. Asteraceae

<sup>1</sup>

21886.

Silver Creek Chert Glade Asteraceae

<sup>3</sup>

21887.

Silver Creek Chert Glade Asteraceae

<sup>1</sup>

21888.

Open glade at Wildcat Glade Natural Area. Asteraceae

<sup>1</sup>

21889.

Wildcat Glade Natural Area. Euphorbiaceae

<sup>1</sup>

21890

Disturbed ground near ball field. Asteraceae

<sup>3</sup>

21891.

Along Rotary Centennial Trail. Fabaceae

<sup>1</sup>21892. Symphotrichum

Along Metro Trail. Asteraceae



<sup>1</sup>  
21893. Polygonum

Seepage area near spring.

Polygonaceae

<sup>2</sup>  
21894. Desmodium

Open area west of Metro Trail north of Silver CK. Fabaceae

21895. Artemisia

South of shoal creek at corner of bridge.

Asteraceae

<sup>1</sup>  
21896.

Along Metro Trail.

Asteraceae

<sup>1</sup>  
21897.

Edge of low woods of lower Bluff Trail.

Araceae

<sup>2</sup>  
21898. Pleuchera

Along Metro Trail northwest of I44 overpass.

Asteraceae

<sup>1</sup>  
21899.

Silver Creek Chert Glade

Asteraceae

<sup>1</sup>  
21900.

Disturbed ground along Metro Trail.

<sup>1</sup>  
21901. Liatris

Wildcat Glades Natural Area.

Asteraceae

21902. Digitaria ischaemum (Schreb.) Schreb.  
Disturbed area near Audubon Center. Poaceae

21903. Aristida  
Silver Creek chert Glades. Poaceae

21904.  
Silver Creek chert Glades Poaceae

21905.  
Open area between lower Bluff Trail and Shoal Creek  
near Readings Mill Bridge. Asteraceae

21906.  
Wet area near spring. Poaceae

21907.  
Wildcat Glades Natural Area. Poaceae

21908. Leersia oryzoides (L.) Sw.  
Bottomland forest off lower Bluff Trail. Poaceae

21909. Solidago  
Between Glendale Road and Shoal Creek,  
rocky open glade. Asteraceae

21910.  
Near Wildcat Spring. Asteraceae

21911. Solidago

Roadside along Castle Drive.

Asteraceae

September 21, 2008. MO: Barton Co., Prairie State Park

21912 Ambrosia

At edge of prairie along NW 150 Lane.

Asteraceae

21913. Symphotrichum

Prairie

Asteraceae

21914. Solidago

Prairie

Asteraceae

21915. Helianthus

At edge of prairie along NW 150 Lane.

Asteraceae

21916. Gentiana

Prairie - Gayfeather Trail.

Gentianaceae

21917.

Prairie.

Asteraceae



2

21918.

Prairie.

Asteraceae

1

21919. Agalinis

Prairie.

Scrophulariaceae

1

21920.

At drainage area of Gayfeather Trail.

Scrophulariaceae

1

21921.

Prairie.

Asteraceae

2

21922. Solidago rigida L.

Prairie.

Asteraceae

2

21923. Boltonia asteriodes var. latisquama (A. Gray) Cong.

Near low area along Gayfeather Trail.

Asteraceae

KS: Cherokee Co.

September 22, 2008.

Park.

Schemmerhorn

1

21924.

Base of Bluff along Creek.

Asteraceae

1  
21925.

Woods along creek.

Asteraceae.

2  
21926.

Along creek.

Urticaceae

1  
21927.

Along creek.

Urticaceae

1  
21928. Symphytotrichum

Edge of woods.

Asteraceae

1  
21929. Solidago

Edge of woods.

Asteraceae.

September 28, 2010. MO: Barton Co. Prairie State Park

2  
21930.

Prairie.

Asteraceae

21931.

Prairie

Asteraceae

21932.

Prairie

Asteraceae

1  
21933. Symphotrichum  
Prairie.

Asteraceae

September 29, 2010. MO: Newton Co., Wildcat Glade

1  
21934.

Disturb ground.

Asteraceae

2  
21935.

Prairie

Asteraceae

1  
21936. Symphotrichum  
open woods.

Asteraceae

2  
21937. Agalinis  
Edge of woods.

Scrophulariaceae

1  
21938. Symphotrichum  
Prairie.

Asteraceae

1  
21939.

Edge of woods.



1  
21940. Elephantopus

Asteraceae

2  
21941.

Thin soil over chert.

1  
21942.

Disturbed ground.

Asteraceae

1  
21943.

Prairie edge.

Asteraceae

1  
21944.

Disturbed ground

Asteraceae

21945. Liatris

Edge of prairie.

Asteraceae

April 18, 2009. mo: McDonald Co. Near park at Noel.

1  
21946. Erigeron

Wood at edge of park.

Asteraceae

<sup>2</sup>  
21947.

Edge of drive into park.

Brassicaceae

<sup>1</sup>  
April 18, 2009. AR: Benton Co.

<sup>1</sup>  
21948.

Yard.

Scrophulariaceae

July 2, 2009. MO: Newton Co., Wildcat Glade

<sup>1</sup>  
21949. Acer

Near Nature center.

Sapindaceae

<sup>1</sup>  
July 5, 2009. AR: Benton Co. Compton Gardens.

<sup>1</sup>  
21950. Calyanthus

2195 . Flex

Aquifoliaceae

21952 . Viburnum

Caprifoliaceae

21953 . Physocarpus

Rosaceae

21954 . Cornus

Cornaceae

21955 . Cotinus

21956 . Ptelea trifoliata

21957 . Cornus

Cornaceae

21958 .

21959 .



<sup>1</sup>  
21960.

Betulaceae

<sup>3</sup>  
21961. Fagus

Fagaceae

<sup>1</sup>  
21962. Sambucus

Caprifoliaceae

<sup>1</sup>  
21963. Rhus aromatica

Anacardiaceae

<sup>1</sup>  
21964. Quercus

Fagaceae

<sup>1</sup>  
21965.

<sup>1</sup>  
21966. Acer

Sapindaceae

<sup>1</sup>  
21967.

<sup>1</sup>  
21968. Ilex

Aquifoliaceae

1  
21969.

1  
21970. Ribes odorata

Grossulariaceae

2  
21971. Asimina

Annonaceae

2  
21972. Cladastria

Fabaceae

1  
21973

1  
21974. Prunus

Rosaceae

1  
21975. Viburnum

Caprifoliaceae

1  
21976. Itea virginica

1  
21977. Acer

Sapindaceae

<sup>1</sup>  
21978

Fabaceae

<sup>1</sup>  
21979.

<sup>2</sup>  
21980.

<sup>1</sup>  
21981. Castanea

Fagaceae

August 8, 2009. MO: Newton Co. Wildcat Glade.

<sup>1</sup>  
21982.

open glade.

Poaceae

<sup>1</sup>  
21983.

open glade.

Poaceae

<sup>1</sup>  
21984. Lespedeza

Disturbed ground near nature center.

Fabaceae

<sup>1</sup>  
21985 Lespedeza

Along roadside near Wildcat Glade Natural Area.

Fabaceae



21986. Panicum anceps

Drainage area at Wildcat Glade Natural Area.

Poaceae

21987.

Glade.

Poaceae

Oct. 5, 2009. MO: Barton Co., Prairie State Park.

21988. Gentian

Open prairie near parking area at

Gentianaceae

21989.

Prairie.

Asteraceae

October 7, 2009. Kansas: Cherokee Co. Schemmerhorn Park

21990 Solidago

Along bluff trail. Open Woods.

Asteraceae

21991. Symphoricarpos

Edge of woods along cave trail.

Asteraceae

1  
21992. Rhus

Base of bluff.

Anacardiaceae

October 8, 2009. MD: Newton Co. Along highway, CC  
between Racine and Nettles Road.

2  
21993. Verbesina

Roadside ditch near stream.

Asteraceae

1  
21994.

Rocky roadside at edge of woods.

Asteraceae

2  
21995.

Rocky roadside

Asteraceae

2  
21996. Symphytotrichum

Rocky roadside.

Asteraceae

1.  
October 11, 2009. AR.

Eureka Springs

1  
21997. Rubus

Open woods near cabin.

Rosaceae

October 13, 2009. Arkansas:  
Trail to Blue Springs.

<sup>1</sup>  
21998.

On soil over boulders.

October 16, 2009. MO: McDonald County.

<sup>2</sup>  
21999. Palafoxia

Base of limestone roadcut along highway 71. Asteraceae

<sup>2</sup>  
22000

Open low woods just west of highway 71

<sup>1</sup>  
22001. Symphotrichum

Low open woods just west of highway 71. Asteraceae

<sup>1</sup>  
22002. Solidago

Edge of woods just west of highway 71. Asteraceae

<sup>1</sup>  
22003. Symphotrichum

On open limestone bluff west of highway 71. Asteraceae



Oct. 18, 2009. MO: Barry Co. Cook property.

22004. Rhamnus

Open area along road into Cooks.

Rhamnaceae

April 10, 2010. MO: Newton Co. along Nettles road between Norway Rd. and CC highway.

22005. Eleagnus

April 16, 2010. MO: Newton Co., Wildcat Glade.

22006 Phacelia

On soil over chert near highway 86 bridge.

Hydrophyllaceae

22007.

Open glade at Natural Area.

Cyperaceae

22008. Lithospermum

Edge of glade and rocky woods of Natural Area

Boraginaceae

22009.

Edge of glade and rocky woods of Natural Area. Cyperaceae

22010.

Along trail near hiway 86 bridge.

Caryophyllaceae

22011.

Open woods along wheel chair trail.

Fabaceae

22011a. Carex

April 17, 2010. Kansas: Cherokee Co., Spring River Wildlife Area.

22012. Prunus

Open area near intermittent stream.

Rosaceae

22013.

Wet soil next to intermittent

22014. Crataegus

Open area near intermittent stream.

Rosaceae

22015.

Wet depression near stream.

Cyperaceae

April 17, 2010. Kansas: Cherokee Co., Schemmerhorn Park.

22016

Wet area in woods near creek.

Cyperaceae

22017. Carex meadii.

Open, rocky woods.

Cyperaceae

May 8, 2010. Missouri:

Small pond at corner of

22018. Pontiera

May 10, 2010. Arkansas: Benton Co. Along Landyard Trail

22019. Euonymus

Base of limestone bluff along

22020.

Ornamental shrub along paved trail.



May 20, 2010. Kansas: Cherokee Co., Schemmerhorn Park.

22021.

Edge of woods.

Iridaceae

22022. Ranunculus

Rocky oak/hickory woods.

Ranunculaceae

22023. Delphinium

Floodplain of creeks in woods.

Ranunculaceae

22024. Ranunculus

Base of bluff in park (picnic) area.

Ranunculaceae

22025. Ranunculus

Disturbed ground along base of bluff.

Ranunculaceae

May 22, 2010. Kansas: Cherokee Co., Spring River Wildlife area.

2.

22026. Crataegus

Open area near intermittent creek.

Rosaceae

22027. Prunus

Open area near intermittent creek.

Rosaceae

22028. Panicum

Open rocky woods.

Poaceae

22029. Rosa

North facing open rocky woods.

Rosaceae

22030. Carex

Ditch near prairie.

Cyperaceae

22031. Carex

Ditch at edge of prairie.

Cyperaceae

22032. Carex

Ditch at edge of prairie.

Cyperaceae

22033. Carex

Ditch at edge of prairie.

Cyperaceae

22034.

Prairie.

Tridaceae

22035.

Low rocky woods.

Gentianaceae

May 21, 2010. Benton Co.  
Edge of Kendall and Bowness.

<sup>2</sup>  
22036. Nyssa

'22037. Amelanchier

Rosaceae

May 24, 2010.  
Rocky roadside along CC highway.

<sup>2</sup>  
22038.

Malvaceae

May 25, 2010. MO: Newton Co. Falls

'22039

'22040. Fraxinus

Asteraceae



May 25, 2010. MO: Newton Co., Wildcat Glade.

22041. *Ranunculus*

*Ranunculaceae*

22042.

*Orchidaceae*

April 20, 2010 - Go to page 229 and insert after number 22017.

MO: Newton Co., Wildcat Glade

2  
22043.

On glade across from parking lot at W.G. Nat. Area.

22044.

On glade across from parking lot at W.G. Nat. Area.

22045

on glade.

*Brassicaceae*

22046

On glade,

*Brassicaceae*

22047. Vaccinium

Oak/Hickory rocky woods.

Ericaceae

22048

On glade.

Brassicaceae

22049.

On glade

22050.

On glade.

22051. Viburnum

Glade across parking area of W.G. Nat. Area.

Caprifoliaceae

June 8, 2010. MO: Dade Co.

Bona Glade

w/ Lorrie Parrish

22052

Poaceae

22053

Poaceae

22054. Panicum

Poaceae

22054.

June 12, 2010. KS: Crawford Co., Research Reserve.

<sup>2</sup>  
22055.

<sup>1</sup>  
22056.

<sup>1</sup>  
22057.

<sup>2</sup>  
22058.

Fabaceae

June 13, 2010. KS: Montgomery, Co. ca. 2 km west of  
highway 169 on north side of highway 400.

<sup>2</sup>  
22059. Tamarix  
Roadside Bank.



June 13, 2010. KS: Wilson Co. Rocky prairie

2  
22060. Allium

Liliaceae

1  
22061. Monarda

Lamiaceae

1  
22062.

Between prairie and roadside.

Asteraceae.

June 15, 2010. Barry Co., Missouri.  
Park.

Roaring River State

1  
22063.

woods along highway F east of Nature Center.

1  
22064.

woods along highway F east of Nature Center.

1  
22065. Scutellaria

Glade/woods <sup>along</sup> ~~near~~ highway F.

Lamiaceae

<sup>1</sup>  
22066.

Along stream east of park and south of F.

June 15, 2010. AR: Benton Co. off 71

<sup>3</sup>  
22067. Paulownia

Bignoniaceae

<sup>3</sup>  
22068. Acer

Wooded area near Lake

<sup>2</sup>  
22069. Morus

Edge of woods near lake

Moraceae

<sup>1</sup>  
22070. Ulmus

Ulmaceae

June 17, 2010. MO: Newton Co., Wildcat Glade.

<sup>1</sup>  
22071. Celtis

on glade.

- <sup>2</sup> 22072. Maclura  
Low woods near Shoal Creek bridge. Moraceae
- <sup>2</sup> 22073. Robinia  
Low woods near Shoal Creek bridge. Fabaceae
- <sup>1</sup> 22074. Salix  
Edge of trail below Shoal Creek bridge. Salicaceae
- <sup>2</sup> 22075.  
Glade just west of Nature Center.
- <sup>2</sup> 22076.  
Edge of glade near ball field. Moraceae
- <sup>1</sup> 22077. Betula  
Open woods near Shoal Creek. Betulaceae
- June 18, 2010. KS: Crawford Co. City of Cherokee.
- <sup>2</sup> 22078. Morus  
Moraceae



June 20, 2010. KS: Wilson Co. Rocky prairie

<sup>1</sup>  
22079. Delphinium

Ranunculaceae

<sup>1</sup>  
22080. Allium

Liliaceae

<sup>1</sup>  
22081.

Boraginaceae

<sup>1</sup>  
22082.

Apiaceae

<sup>1</sup>  
22083. Hymenopappus

Asteraceae

<sup>1</sup>  
22084. Carex  
Moist ditch.

Cyperaceae

<sup>2</sup>  
22085.

Liliaceae

<sup>2</sup>  
22086.

Apiaceae

June 20, 2010. KS: Montgomery Co. Independence  
State Fishing Lake.

<sup>2</sup>  
22087. Celtis  
edge of woods.

June 20, 2010. KS: Montgomery Co. Prairie

<sup>2</sup>  
22088. Castilleja purpurea

Scrophulariaceae

<sup>1</sup>  
22089.

Polemoniaceae

<sup>1</sup>  
22090.

Boraginaceae

June 21, 2010. MO: Newton Co., Wildcat Glade.

<sup>1</sup>  
22091.

Woods along St. John's Creek Trail.

Fabaceae

1  
22092.Edge of parking lot at Redding's Mill  
bridge.

Asteraceae

22093.

Edge of parking lot at Redding's Mill Bridge.

Asteraceae

1  
22094.Edge of woods off Rotary Centennial Trail near  
low water bridge.1  
22095.

Woods east of Bluff Trail.

2.

22096.

Between Castle Dr. and Bluff Trail just  
Northeast of Redding's Mill bridge.1  
22097.

Disturbed ground near Redding's Mill bridge.

Asteraceae

1  
22098.

Edge of Shoal Creek.

Campanulaceae

2

22099. Asclepias incarnata

Off trail below Redding's Mill bridge.

Apocynaceae



1  
22100.

Woods along St. John's Creek Trail.

Scrophulariaceae

1  
22101.

Woods along St. John's Creek Trail.

1  
22102.

Edge of water from <sup>wildcat</sup> Spring.

1  
22103. Quercus macrocarpa

Picnic area near wildcat Spring.

Fagaceae

2  
22104. Quercus

Near picnic area at wildcat Spring.

Fagaceae

1  
22105.

Picnic area at Nature Center.

2  
22106.

Picnic area at Nature Center.

Juglandaceae

Juglandaceae

June 22, 2010. KS: Crawford Co. Pittsburg State University  
Campus.

1  
22107. Quercus

Fagaceae

22108. Quercus

Fagaceae

22109. Quercus

Fagaceae

22110. Quercus

Fagaceae

22111. Quercus

Fagaceae

\* see pg. 247

June 24, 2010. MO: Dale Co. Ditch along highway, 39 ca.  
24 km south of highway Z.

22112. Silene regia

Caryophyllaceae

July 5, 2010. Missouri: Newton Co. Wildcat Grade

22113.

Edge of Shoal Creek near Spring.

22114.

Edge of woodland Loop trail.

July 6, 2010. Missouri: Newton Co. 7940 Norway Rd.

22115.

Disturbed open woods.

Lamiaceae

22116. Sabatia

Open disturbed ground.

Gentianaceae

July 8, 2010: Missouri: Barry Co. Roaring River State Park.

22117. CleomeRocky Roadside at bridge along hiway F  
east of park.



July 8, 2010. Missouri: McDonald Co. At Huckleberry Ridge  
Conservation Area.

22118. Prunus

Rosaceae

July 10, 2010. Missouri: Newton Co. Wildcat Glade

22119. .

Open glade.

22120. Aristida

Open glade

Poaceae

22121. Elymus trachycaulus

Disturbed ground near Nature Center.

Poaceae

22122. Ampleopsis

Growing in trees along Bluff Trail near bridge.

Vitaceae

22123

Open glade.

22124. Elymus virginicus

Open disturbed ground.

Poaceae

<sup>1</sup>  
22125. Scirpus georgianus R.M. Harper  
Wet disturbed area below bridge. Cyperaceae

<sup>1</sup>  
22126. Panicum linearifolium  
Open glade. Poaceae

<sup>1</sup>  
22127 Leersia oryzoides  
Wet area near spring off St. John's Trail. Poaceae

<sup>3</sup>  
22128. Juncus tenuis  
Wet area near spring off St. John's Trail. Juncaceae

\* ~~3~~ Insert before May 20, 2010 pg. 230  
May 12, 2010. Kansas: Crawford Co. west of Pittsburg.

<sup>2</sup>  
22129 Phalaris arundinacea  
Wet depression of pasture. Poaceae

May 15, 2010. Missouri: Newton Co., Wildcat Glade

<sup>1</sup>  
22130 Vulpia octoflora

<sup>2</sup>  
22131. Sphenopholis obtusata (Michx.) Scribn. var.  
obtusata Poaceae

<sup>1</sup>  
22132. Melica nitens  
On soil over rock at edge of woods. Poaceae

\* Insert before June 17, 2010 pg. 237.

June 16, 2010. Kansas: Crawford Co. Alley in  
Pittsburg.

22133.

Polygonaceae

\* Insert before June 24, 2010 pg. 243.

May 23, 2010. MO: Wildcat Glade  
Newton Co.

22134.

Rocky woods at Wildcat Glade Natural Area.



\* Insert before June 20, 2010 Pg. 239

June 19, 2010. Kansas: Spring River Wildlife Area.

22135 Carex

In ditch.

July, 12, 2010. Kansas: Gawford Co. Ditch near Railroad tracks

22136. Spartina pectinata

22137. Paspalum dilatatum Poir.

Pasture

Poaceae

22138. Tripsacum dactyloides

Prairie.

Poaceae

22139. Elymus smithii

Ditch between road and prairie.

Poaceae

July 15, 2010. MO: Newton Co., Wildcat Glade

<sup>1</sup> 22140. Quercus

Fagaceae

<sup>1</sup> 22141. Alopecurus carolinianus

Poaceae

<sup>3</sup> 22142.

Wooded area along Woodland Loop.

<sup>1</sup> 22143. Poa

Poaceae

<sup>1</sup> 22144. Lolium perenne

Poaceae

<sup>2</sup> 22145.

Edge of Shoal Creek near bridge.

<sup>1</sup> 22146. Quercus

Fagaceae

<sup>1</sup> 22147. Koeleria macrantha

Poaceae

22148. Juncus interior

Wet depression in Wildcat Glade Nat. Area

Juncaceae

22149. Eleocharis compressa

Bank of Silver Creek "Lake".

22150. Eragrostis spectabilis

Poaceae

22151.

Rocky ground of oak/hickory woods.

Fabaceae

22152. Elymus hystrix

Woodland along Bluff Trail.

Poaceae

July 15, 2010. Missouri: Newton Co. Along highway  
CC about 2 km south of Racine.

22153. Silene rigida

Caryophyllaceae



July 16, 2010. Missouri: Jasper County. About 3.5km  
west of Sarcxie

3  
22154.

2  
22155. Hordeum jubatum  
Roadside

Poaceae

2  
22156.

July 18, 2010. Missouri: Newton County. Wildcat Glade.

1  
22157. Physocarpus

Rosaceae

1  
22158.

2  
22159.

Near ball field.

1  
22160. Morus

Along Bluff Trail northwest of bridge. Moraceae

2.  
22161. Carya

Near Visitor's Center.

Juglandaceae

1  
22162. Rhus

Wildcat Glade Natural Area.

Anacardiaceae

1  
22163. Quercus

Wildcat Glade Natural Area

Fagaceae

1  
22164.

Oak/Hickory Rocky woods at WGNA.

22165. Carya

Oak/Hickory Rocky woods at WGNA.

1  
22166.

Woods along St. John's Creek Trail.

1  
22167. Sassafras

Rocky oak/hickory woods at WGNA.

Lauraceae

1  
22168. Quercus

Oak/hickory rocky woods at WGNA.

Fagaceae

<sup>1</sup>  
22169. Carya

Near Visitor's Center.

Juglandaceae

22170. Lonicera

Along Bluff Trail northwest of bridge.

Caprifoliaceae

<sup>1</sup>  
22171. Gleditsia

Bluff Trail near Castle Dr. and WGNNA.

Fabaceae

<sup>1</sup>  
22172. Prunus

Wildcat Glade Natural Area.

Rosaceae

<sup>1</sup>  
22173. Quercus

Bluff Trail along bluff.

Fagaceae

<sup>1</sup>  
22174. Celtis

Bluff Trail near Castle Dr. and WGNNA.

<sup>1</sup>  
22175. Diospyros

WGNNA.

Ebenaceae

<sup>1</sup>  
22176. Prunus

WGNNA

Rosaceae

<sup>2</sup>  
22177 Quercus alba

WGNNA

Fagaceae



22178. Ulmus  
Bottomland woods along Bluff Trail. Ulmaceae
22179. Amelanchier  
WGNA. Rosaceae
22180.  
Disturbed area near visitor's center.
22181. Carya  
Near visitor's center. Juglandaceae
22182. Quercus  
WANA. Fagaceae
22183. Rubus  
Near parking area for St. John's Trail. Rosaceae

Aug 2, 2010. Colorado

22184.

22185.

Near Entrance to Rocky Mt. Nat. Park. Brassicaceae

August 2, 2010. Colorado.

In Georgetown.

22186.

Outside super 8 motel.

Asteraceae

Aug. 3, 2010. Colorado

22187. Castilleja

Scrophulariaceae

22188.

22189

Gentianaceae

22190. Delphinium

Ranunculaceae

August 5, 2010. Colorado  
west of Sharon Springs, KS.

1  
22191

1  
22192

Asteraceae

1  
22193. Asclepias

1  
22194.

1  
22195.

Asteraceae

1  
22196.

August 5, 2010. Colorado

1  
22197.

Orchidaceae



August 5, 2010. Kansas:  
Park.

Scott State

22198.

Salicaceae

22199. Salix  
edge of lake.

Salicaceae

22200.

edge of lake.

~~22201.~~

Asteraceae

August 5, 2010. Kansas

22202.

Along highway 160.

22203

Along highway 160.

Scrophulariaceae

22204.

Along highway 160.

<sup>1</sup>  
22205. Panicum virgatum

Poaceae

<sup>1</sup>  
22206. Asclepias

<sup>1</sup>  
22207.

August 5, 2010. Kansas:

West of

Medicine Lodge and south of highway 160

<sup>2</sup>  
22208. Sapindus

Edge of intermittent stream.

Sapindaceae

August 6, 2010. Kansas: Crawford Co.

<sup>1</sup>  
22209 Paspalum

Poaceae

<sup>1</sup>  
22210. Juncus validus

Juncaceae

<sup>2</sup>  
22211. Phragmites australis

Poaceae

<sup>1</sup>  
22212. Aristida dichotoma

Poaceae

<sup>1</sup>  
22213. Avena patula

Poaceae

August 10, 2010. Canada

<sup>1</sup>  
22214. Quercus

Fagaceae

August 15, 2010. Missouri: Newton Co. Wildcat Glade

<sup>1</sup>  
22215. Salix

Low woods along Bluff Trail.

Salicaceae

<sup>1</sup>  
22216.

Woods along Woodland Loop of St. John's Trail.



1  
22217. Rhynchospora  
Wet area near spring along St. John's Trail.

September 10, 2010. Missouri: McDonald County.  
At junction 71 & 90

1  
22218.

Rocky bank.

Asteraceae

2  
22219. Palafoxia

Rocky roadside.

Asteraceae

September 10, 2010. Missouri: Newton Co. Rocky woods  
at 7940 Norway.

1  
22220

Asteraceae

1  
22221.

1  
22222.

<sup>2</sup>  
22223. Oesopodion

Fabaceae

<sup>2</sup>  
22224.

Fabaceae

<sup>1</sup>  
22225.

Asteraceae

<sup>3</sup>  
22226. Solidago

Asteraceae

<sup>1</sup>  
22227. Solidago

Asteraceae

<sup>1</sup>  
22228. Aristida longespica

Poaceae

<sup>1</sup>  
22229. Agrostis perennans

Poaceae

<sup>1</sup>  
22230. Symphotrichum

Asteraceae

<sup>1</sup>  
22231. Agalinis

Scrophulariaceae

September 11, 2010. Missouri: Newton Co. Wildcat  
Glade.

22232. Solidago

Asteraceae

22233.

Fabaceae

22234. Desmodium

Area between trail and dam.

Fabaceae

22235. Lobelia siphilitica

Campanulaceae

22236

Asteraceae

22237. Solidago

Asteraceae

22238. Helianthus

Asteraceae

22239. Liatris

Asteraceae



- 1  
22240. Solidago  
Asteraceae
- 1  
22241. Verbesina  
Asteraceae
- 1  
22242.  
Asteraceae
- 1  
22243. Symphotrichum  
Asteraceae
- 1  
22244.  
Along bluff.  
Asteraceae
22245.  
Wildcat Glade Nat. Area.  
Asteraceae
- 1  
22246. Euphorbia  
Euphorbiaceae
- 1  
22247.
- 1  
22248. Solidago  
Asteraceae

2

22249.

Poaceae

22250. Agrostis hymenalis  
Rock outcrop at WANA.

Poaceae

22251. Desmodium  
Edge of rocky woods at WANA.

Fabaceae

22252. Tridens flavus

Poaceae

22253. Muhlenbergia sobolifera

~~Poaceae~~

22254. Desmodium

Fabaceae

22255. Desmodium

Fabaceae

22256. Solidago

Asteraceae

22257. Symphotrichum

Asteraceae

September 11, 2010. Missouri: Newton Co. Along highway  
CC ca. 2.5 km south of Racine (highway 86 jct.)

22258. Solidago

Asteraceae

22259. Symphotrichum azureus

Asteraceae

September 12, 2010, Missouri: Newton Co., Wildcat  
Glade.

22260. Symphotrichum

Asteraceae

22261.

Asteraceae

22262. Tridens strictus  
Prairie.

Poaceae

22263. Eragrostis intermedia Hitchc.

Poaceae

22264. Panicum dichotomiflorum

Poaceae



22265. Panicum aucep

Poaceae

22266. Symphotrichum lateriflorus

Asteraceae

22267.

Along St. John's Creek Trail. Low woods.

22268. Agalinis

Wildcat Glade Nat. Area

Scrophulariaceae

22269. Symphotrichum azureus

Asteraceae

September 12, 2010. Kansas: Cherokee Co. Schemmerhorn Park.

22270. Solidago

Asteraceae

22271. Symphotrichum

Asteraceae

22272. Aristolochia

Aristolochiaceae

22273. Panicum sphaerocarpon

Poaceae

22274. Sorghastrum nutans

Poaceae

22275. Panicum acuminatum  
WGNA.

Poaceae

September 15, 2010. Missouri: Newton Co. Wildcat  
Glade.

22276.

Poaceae

22277. Digitalis

Poaceae

22278.

Poaceae

22279 Sorghum

Poaceae

22280. Sorghastrum nutans

Poaceae

22281.

22282. Symphytotrichum

Asteraceae

22283. Solidago nemoralis

Asteraceae

22284. Lonicera

Caprifoliaceae

22285. Prunus

Rosaceae

22286. Quercus shumardi

Fagaceae

22287.

Rosaceae

22288

22289,

22290. Quercus stellata

Fagaceae



22291. Carya

Juglandaceae

22292. Alnus serrulata (Ait.) Willd.

Betulaceae

22293. Quercus

Fagaceae

22294. Vaccinium

Ericaceae

22295. Bumelia

Sapotaceae

22296. Vaccinium

Ericaceae

22297. Quercus

Fagaceae

22298. Carya

Juglandaceae

22299. Campsis

Bignoniaceae

22300.

22301. Eragrostis cilianesis

Poaceae

22302. Quercus

Fagaceae

22303. Panicum acuminatum

Poaceae

22304. Carya

Juglandaceae

22305. Panicum rigidulum

Poaceae

22306. Panicum dichot

Poaceae

22307. Polygonum

Polygonaceae

22308. Polygonum

Polygonaceae

22309. Carya

Juglandaceae

22310.

22311. Eragrostis spectabilis

Poaceae

22312. Panicum

Poaceae

22313. Helianthus

Asteraceae

22314. Cynodon dactylon

Poaceae

22315.

22316.



September 18, 2010. Missouri: Newton County.  
At junction of highway CC and Nettles.

22317. Prunus

September 18, 2010. Kansas: Cherokee Co.  
Schemmerhorn Park.

22318. Quercus marilandica

Fagaceae

22319. Quercus alba

Fagaceae

22320. Rhus

Anacardiaceae

22321. Ulmus

Ulmaceae

22322. Eragrostis cilianensis

Poaceae

22323. Solidago nemoralis

Asteraceae

September 20, 2010. Arkansas: Benton Co.  
3 Bowness Lane.

22324.

Asteraceae

22325. Solidago

22326.

22327.

22328.

22329. Clitoria

Fabaceae

22330. Symphotrichum

Asteraceae

22331.

Fabaceae

September 24, 2010. Missouri: Newton Co.  
Wildcat Glade.

22332.

22333. Palafoxia

Asteraceae

22334. Desmodium

Fabaceae

22335.

Asteraceae

22336.

Lamiaceae

22337. Solidago

Asteraceae

22338. Leptochloa

Poaceae

22339.



22340. Eragrostis pectinacea

Poaceae

October 5, 2010. Missouri: Newton Co. Wildcat Glade

22341. Lobelia siphilitica

Campanulaceae

22342. Symphotrichum

Asteraceae

22343. Solidago

Asteraceae

22344. Solidago

Asteraceae

22345

22346. Solidago

Asteraceae

22347.

Asteraceae

22348

Euphorbiaceae

22349. Symphotrichum

Asteraceae

22350.

Fabaceae

22351.

Fabaceae

22352

Apocynaceae

22353. Solidago

Asteraceae

22354. Agalinis

Scrophulariaceae

22355.

Asteraceae

22356. Vernonia

Asteraceae

22357.

22358. Amorpha

Fabaceae

22359. Solidago

Asteraceae

22360. Symphotrichum

Asteraceae

22361. Spiranthes

Orchidaceae

22362. Symphotrichum

Asteraceae

22363. Symphotrichum

Asteraceae

22364. Symphotrichum

Asteraceae

22365. Symphotrichum

Asteraceae



22366. Symphotrichum

Asteraceae

22367.

Fabaceae

22368. Symphotrichum

Asteraceae

October 6, 2010. ~~##~~ Kansas: Cherokee Co., Schemmerhorn  
Park.

22369. Symphotrichum

Asteraceae

22370. Symphotrichum

Asteraceae

22371. Andropogon gerardii

Poaceae

22372. Aristida purpurascens

Poaceae

22373. Setaria viridis

Poaceae

22374. Eleusine indica (L.) Gaertn. Poaceae

22375. Symphotrichum Asteraceae

22376. Setaria geniculata Poaceae

22377. Schizachyrium scoparium Poaceae

22378. Sporobolus compositis Poaceae

22379. Asteraceae

22380. Panicum capillare Poaceae

22381. Echinocola crus-galli Poaceae

22382. Asteraceae

October 10, 2010. Arkansas  
Alum Cove

w/ Susan

22383.

Betulaceae

22384.

Asteraceae

22385.

22386.

22387. Symphotrichum

Asteraceae

22388. Symphotrichum

Asteraceae



October 11, 2010. Kansas: Crawford Co.

On east side of highway 69.

22389.

October 15, 2010. Missouri: Newton Co. 7940

Norway Rd, ca. 11 km west of Neosho.

22390. Polygonum

Polygonaceae

22391.

Euphorbiaceae

22392. Setaria

Poaceae

22393. Sorghastrum

Poaceae

22394. Muhlenbergia capillaris

Poaceae

22395. Sorghum halapense

Poaceae

22396. Desmodium

Fabaceae

22397. Panicum rigidulum

Poaceae

22398.

Cucurbitaceae

22399.

22400. Sabatia

Gentianaceae

October 18, 2010. Missouri: Jasper Co.

22401.

22402. Agalinis

Scrophulariaceae

October 25, 2010. Missouri: Dade County.

w/ Lorrie Parrish

22403. Ammania coccinea

Mud flat at Margin of Stockton Lake.

Lythraceae

\* June 10, 2010. Kansas: Montgomery Co.

See pg. 235 - before June 12.

22405.

Asteraceae

\* September 28, 2010. Kansas: Montgomery Co.

See pg. 275, before Oct. 5

22406. Eragrostis

Poaceae



April 15, 2011 - Benton County, Arkansas. Woods  
at junction of Bowness Lane and Kendal  
36° 29' 11" N, 94° 14' 36" W, Elev. 1180'

Sec. 14, T21N, R13W

✓ 22407. Nyssa sylvatica Marshall

Nyssaceae

April 20, 2011. Missouri: Dade County. Bona Glade.  
ca. 2.1 K west of Bona (Hwy 245) on North side of Hwy 215.

37° 32' 44" N, 93° 41' 29" W, 928' Elev.

Sec. 32, T33N, R25W

w/ Lorrie Parrish

✓ 22408.

Geocarpon minimum MacKenzie in shallow areas  
of sandstone outcrops.

April 22, 2011. Missouri: Newton Co. Wildcat Glade.  
Woods along Shoal Creek Trail.

37° 01' 45" N, 94° 31' 51" W, Elev. 936'

Sec. 27, T27N, R33W

✓ 22409. Prunus angustifolia Marsh - Rocky oak/hickory  
woods.

✓ 22410. Thaspium barbinode Nutt.  
Edge of woods.

April 25, 2011. Missouri: Barry Co. Roaring River State Park.

Along hiway F ca. 2.5 Km east of hwy 112.  
 $36^{\circ}34'47''$ ,  $93^{\circ}49'49''$ , Elev. 1069

✓ Sec. 35. T22N, R27W

22411. Carpinus caroliniana Walter Low woods.

September 15, 2011. Arkansas: Benton County. Along Hampstead Rd. east of Hwy. 71. Sec. 14, T21N, R31W  
 $36^{\circ}29'42''$  N,  $94^{\circ}14'24''$  W Elev. 1227 ft.

✓ 22412. Symphytotrichum patens (Ait.) G. L. Nesom

2 ✓ 22413. Solidago nemoralis Aiton ssp. nemoralis

3 ✓ 22414. Helianthus hirsutus Raf.

2. ✓ 22415. Solidago ulmifolia Muhl. ex Willd.

September 18, 2011. Missouri: McDonald County.  
 ca. 0.5 Km w. of Hwy 71 on N. side of Hwy 90.  
 Sec. 18, T21N, R31W  $36^{\circ}32'54''$  N,  $94^{\circ}19'30''$  W Elev. 1012

✓ 22416. Croton capitatus Michx.  
 On thin soil over limestone.



✓  
22417. Solidago rigida L. prairie-like area.

✓  
22418. Solidago speciosa Nutt. Edge of woods.

✓  
22419. Solidago gigantea Aiton disturbed area.

September 19, 2011. Missouri: McDonald County.  
wet area: Along Big Sugar Creek Rd (Hwy. K) ca. 0.4 km  
east of Mustang Rd. Sec. 25, T22N, R32W.  
✓  
36°36'32"N, 94°21'06"W Elev. 881 ft.

22420. Lycopus americanus Muhl. var. americanus.

September 25, 2011. Missouri: Newton County.  
Wildcat Glade. Just S. of I44 and W. of Hwy. 86.  
Sec. 27, T27N, R33W. 37°01'49"N, 94°31'15"W  
Elev. 890 ft.

✓  
22421. Iva annua L.

✓  
22422. Eupatorium altissimum L.

✓  
22423. Solidago speciosa Nutt.



1✓  
22424. Croton glandulosus L. var. septentrionalis  
Müll. Arg.

On thin soil over rock (chert).

1✓  
22425. Lespedeza striata (Thunb.) H. & A.

1✓  
22426. Euphorbia natans Lag.

1✓  
22427. Euphorbia humistrata Engelm.

1✓  
22428. Eragrostis spectabilis (Pursh) Steud.

September 25, 2011. Missouri: Newton County. 0.25 mile  
east of Racine off Hwy. 86. Sec. 15, T25N, R33W  
36°53'37"N, 94°30'15"W Elev. 876 ft.

2✓  
22429. Sparganium americanum Nutt.  
Growing in unnamed stream.

✓  
22429a. Riccia fluitans  
Floating in unnamed stream.

October 10, 2011. Kansas: Crawford County.

O'Mally Prairie. S16 T31S R24E.

37°21'56"N, 94°47'77" Elev. 922 ft.

✓ S.E. Corner of S170<sup>th</sup> St and E. 510<sup>th</sup> Ave.

22430. Boltonia asteroides var. latisquama (A. Gray) Cronq.

✓ 22431. Helianthus maximiliani Schrad.

✓ 22432. Iva annua L.

✓ 22433. Solidago gigantea Aiton

✓ 22434. Symphotrichum proaealtum (Poir.) G.L. Nesom

October 10, 2011. Kansas: Crawford County. Wildlife and Parks County headquarters - mined land wildlife area. SE Corner of S190<sup>th</sup> St and E560<sup>th</sup> Ave. Sec. 23, T30S, R24E. 37°25'27"N, 94°45'22"W Elev. 915 ft.

2 ✓ 22435. Strophostyles helvola (L.) Ell. growing over other plants near strip p.f.

October 10, 2011. Missouri: Barton County. Prairie State Park. Gayfeather Trail. ca. 28 km south of West Central Road. On E. side of NW 150<sup>th</sup> Ln, S20T32N R33W. 37°30'44"N 94°34'19"W Elev. 925 ft.

22436. Solidago

October 11, 2011. Missouri: Jasper County. Wa Sha She Prairie ca. 1.0 km east of 171 on north side of Hwy. M. S31T30N R33W. 37°18'25"N 94°35'52"W Elev. 905 ft.

22437. Euthamia gymnospermoides Greene ex Porter<sup>2</sup>, Britton

22438. Solidago rigida L. ssp. rigida

22439. Solidago gigantea Aiton

22440. Solidago nemoralis Aiton ssp. nemoralis ~~decolorata (Desf.)~~ ~~decolorata (Desf.)~~

22441. Solidago juncea Aiton

22442. Symphotrichum anomalum (Engelm. ex Torr. & A. Gray) G.L. Nesom



~~22443. Bradburi pilosa (Nutt.) Semp~~

October 15, 2011. Missouri: McDonald County.

Just N. of Hwy 90 at junct. of Hwys. 90 & 71.

S18T21NR31W. 36°32'39"N 94°19'13"W Elev. 1066 ft

✓ 22443. Bradburi pilosa (Nutt.) Semp

✓ 22444. Symphotrichum oblongifolium (Nutt.)  
G. L. Nesome

✓ 22445. Solidago nemoralis Ait. ssp. nemoralis

✓ 22446. Solidago ulmifolia Aiton

October 20, 2011. Arkansas: Benton County. Along  
Hampstead Road just east of Hwy. 71.

S14T21NR31W 36°29'44"N, 94°14'42"W Elev. 1180'

✓ 22447. Helianthus hirsutus Raf.

✓ 22448. Solidago gigantea Ait.

✓ 22449. Euphorbia corrollata L.

✓ 22450. Solidago ulmifolia Muhl. ex Willd. var. ulmifolia

✓  
22451. Symphytotrichum anomalum (Engelm. ex Torr. & A. Gray) G.L. Nesom

✓  
22452. Solidago speciosa

3 ✓  
22453. Fleischmannia incarnata (Walter) R.M. King & H. Rob.

3 ✓  
22454. Solidago nemoralis Aiton ssp. nemoralis

✓  
22455. Symphytotrichum turbinellum (Lindl. ex Hook.) G.L. Nesome

✓  
22456 Symphytotrichum oblongifolium (Nutt.) G.L. Nesome

October 22, 2011. Missouri: Newton County. Wildcat Glade.  
E. of Murphy Rd. ca. 0.2 km S. of Outer Rd. S27, T27N, R33W  
37°01'80"N, 94°31'21"W Elev. 944 ft.

1 ✓  
22457. Aureolaria pedicularia (L.) Raf.

Along bluff.

1 ✓  
22458. Helianthus mollis Lam.

2 ✓  
22459. Solidago ulmifolia Muhl. ex Willd. var. ulmifolia

✓  
22460. Verbesina alternifolia (L.) Britton ex Kearney



- ✓  
22461. Lobelia siphilitica L.  
Edge of Shoal Creek.
- ✓  
22462. Solidago gigantea Aiton
- ✓  
22463. Ageratina altissima (L.) R.M. King &  
H. Rob. var. altissima
- 3 ✓  
22464. Symphytotrichum turbinellum (Lindl. ex  
Hook.) G.L. Nesom
- ✓  
22465. Symphytotrichum anomalum (Engelm. ex Torr. &  
A. Gray) G.L. Nesome
- 2 ✓  
22466. Fleischmannia incarnata (Walter) R.M. King &  
H. Rob.
- 2 ✓  
22467. Solidago nemoralis Aiton ssp. nemoralis
- 2 ✓  
22468. Symphytotrichum oblongifolium (Nutt.) G.L. Nesome
- ✓  
22469. Solidago petiolaris Aiton
- ✓  
22470. Bradburia pilosa (Nutt.) Semple
- ✓  
22471. Lespedeza cuneata (Dumort.) G. Don



October 23, 2011. Missouri: Barry County. Along Hwy 112  
 ca. 9.5 Km W. of Hwy 37 and ca. 5.0 Km N of Hwy F.  
 S9 T21N R27W 36° 32' N 93° 51' W Elev. ca. 1570'

<sup>2</sup>  
 22472. Croton willdenowii G. L. Webster glade

<sup>1</sup>  
 22473. Grindelia squarrosa (Pursh) Dunal var. squarrosa  
 glade

<sup>2</sup>  
 22474. Solidago nemoralis Aiton ssp. nemoralis  
 glade

<sup>1</sup>  
 22475. Brickellia eupatorioides (L.) Shinnery  
 glade

<sup>2</sup>  
 22476. Palafoxia callosa (Nutt.) Torr. & A. Gray  
 glade

<sup>1</sup>  
 22477. Heliotropium tenellum (Nutt.) Torr. glade  
 Heliotropiaceae

<sup>1</sup>  
 22478. Croton capitatus Michx. glade

<sup>1</sup>  
 22479. Rudbeckia missouriensis Engelm. ex  
 glade C. L. Boynton & Beadle

- <sup>2</sup>✓  
 22480. Liatris squarrosa (L.) Michx. glade  
<sup>1</sup>✓  
 22481. Agalinis tenuifolia (Vahl) Raf.  
<sup>2</sup>✓  
 22482. Houstonia nigricans (Lam.) Fern. glade  
<sup>3</sup>✓  
 22483. Symphotrichum patens (Aiton) G.L. Nesome  
<sup>1</sup>✓  
 22484. Eupatorium altissimum L.

December 28, 2011. AR: Benton County. Oak/Hickory  
 Rocky woods east of Kendal Drive and  
 north of Bowness Lane. S14, T21N, R31W. 357m  
 Long. 36°29'92"N; Lat. 94°14'38"W Elev. ~~1784~~.

- <sup>✓</sup>  
 22485. Drummondia prorepens (Hedw.) Britt.  
 On Quercus sp.

December 30, 2011. MO: Newton County. Wildcat Glade  
 Natural Area. Just south of I44 off Castle Drive (<sup>Murphy</sup> Blvd.)  
 Between Outer Road and Murphy Blvd (Castle Dr.). S27  
 T27N R33W. Lat. 37°01'N, Long. 94°31'W Elev. 287m.  
 w/ Lorrie Parrish Chert glade and oak/hickory upland  
 rocky woods.

22486. Polytrichum juniperinum Hedw.  
 On soil over ~~fr~~ chert at edge of wood.

22487. Hedwigia ciliata (Hedw.) P. Beauv.  
 On chert outcrops.

22488. Leucobryum albidum (Brid. ex P. Beauv.) Lindb.  
 On soil in open woods.

22489. Frullania aricoides (Nees) Mont. On Quercus sp.

22490. Weissia controversa Hedw. on soil over chert in  
 parking lot.

22491. Plagiobryum capillare (Hedw.) Pederson  
 On soil over chert in parking lot.

22492. Riccia sorocarpa Bisch  
 On soil ~~over~~ in depressions over chert.

22493. Thelia lescurii Sull. in Gray  
 On chert outcrops.



22494. Climacium americanum Brid.

On soil over chert along intermittent stream.

22495. Porella pinnata L. Attached to roots and chert  
along intermittent stream.

<sup>3</sup>  
22496. Plagiobryum pseudotriquetrum (Hedw) Pederson  
on wet soil over chert outcrops near intermittent stream.

<sup>3</sup>  
22497 Reboulia hemisphaerica (L.) Raddi  
On soil over chert rock below overhangs.